

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029568.D
 Acq On : 18 Jun 2022 14:39
 Operator : JC/MD
 Sample : N3325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 20 01:33:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	268064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152793	43.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.120%
35) Dibromofluoromethane	5.391	113	133128	46.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.653	98	506659	47.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.085	95	189621	47.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.240%

Target Compounds				Qvalue		
3) Chloromethane	1.294	50	2181	0.624	ug/l	89
5) Bromomethane	1.611	94	1143	0.696	ug/l #	77
6) Chloroethane	1.660	64	914	1.645	ug/l #	43
10) Methyl Iodide	2.459	142	2364	3.710	ug/l	94
11) Tert butyl alcohol	2.971	59	147048	187.862	ug/l	99
13) Acrolein	2.215	56	2388	12.217	ug/l #	1
14) Allyl chloride	2.782	41	32939	7.512	ug/l #	69
15) Acrylonitrile	3.105	53	4840	2.916	ug/l #	43
16) Acetone	2.386	43	14936	10.560	ug/l	99
17) Carbon Disulfide	2.520	76	19536	2.775	ug/l	97
18) Methyl Acetate	2.782	43	80710	21.583	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	183221	19.433	ug/l #	41
20) Methylene Chloride	2.788	84	992	0.315	ug/l #	1
22) Diisopropyl ether	3.763	45	11758	1.356	ug/l #	89
23) Vinyl Acetate	3.763	43	7338	1.013	ug/l #	66
25) 2-Butanone	4.580	43	5649	2.527	ug/l	97
30) Chloroform	5.172	83	7303	1.323	ug/l #	17
31) Cyclohexane	5.470	56	94600	19.858	ug/l	98
36) 1,1-Dichloropropene	5.556	75	20662	5.282	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28840	7.497	ug/l #	15
39) Methylcyclohexane	7.379	83	56818	11.650	ug/l	91
40) Benzene	6.043	78	1652369	142.498	ug/l	99
41) Methacrylonitrile	4.910	41	605	0.286	ug/l #	18
42) 1,2-Dichloroethane	6.043	62	13720	3.442	ug/l #	73
43) Isopropyl Acetate	6.354	43	2886	0.463	ug/l #	56
44) Trichloroethene	7.135	130	3614	Below Cal		97
45) 1,2-Dichloropropane	7.385	63	597	0.210	ug/l #	1
48) Methyl methacrylate	7.659	41	4474	1.463	ug/l #	43
51) 4-Methyl-2-Pentanone	8.580	43	1485	0.370	ug/l	94
52) Toluene	8.720	92	43506	5.859	ug/l	96
56) Ethyl methacrylate	9.104	69	2178	0.480	ug/l #	31
59) 2-Hexanone	9.451	43	3051	1.003	ug/l	83
67) Ethyl Benzene	10.195	91	264956	19.440	ug/l	100
68) m/p-Xylenes	10.305	106	36106	6.793	ug/l	95
69) o-Xylene	10.640	106	18622	3.546	ug/l	91
70) Styrene	10.646	104	2030	0.236	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

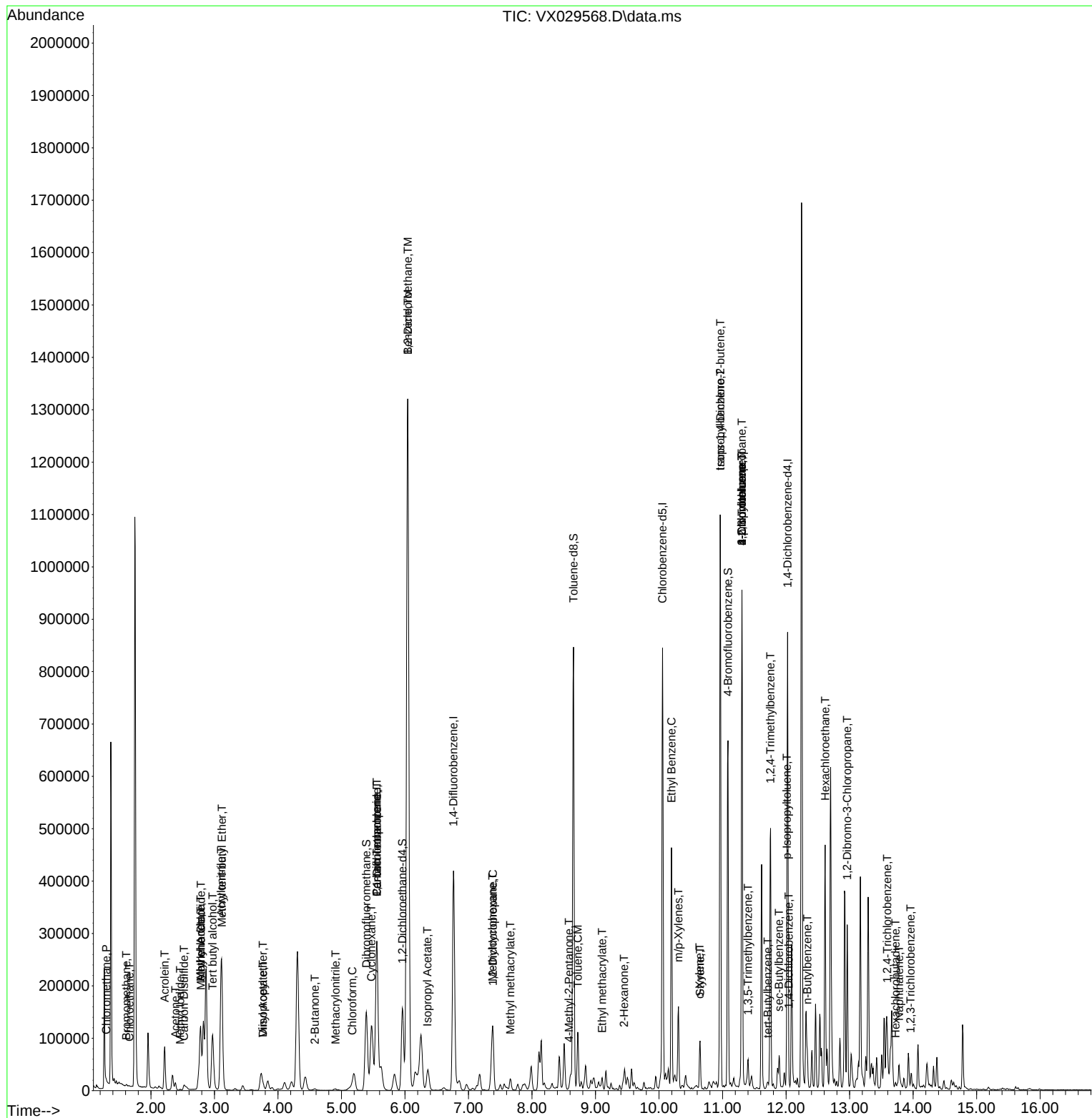
73) Isopropylbenzene	10.963	105	566949	42.667	ug/l	98
76) 1,2,3-Trichloropropane	11.305	75	3343	0.866	ug/l #	1
78) n-propylbenzene	11.305	91	581804	38.876	ug/l	99
79) 2-Chlorotoluene	11.305	91	581804	62.785	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.402	105	31362	2.803	ug/l	74
81) trans-1,4-Dichloro-2-b...	10.963	75	6172	5.318	ug/l #	54
82) 4-Chlorotoluene	11.305	91	581804	55.056	ug/l #	45
83) tert-Butylbenzene	11.713	119	3026	0.277	ug/l	80
84) 1,2,4-Trimethylbenzene	11.756	105	226817	20.323	ug/l	99
85) sec-Butylbenzene	11.890	105	28985	2.143	ug/l	99
86) p-Isopropyltoluene	12.012	119	14131	1.248	ug/l	88
88) 1,4-Dichlorobenzene	12.042	146	1355	0.235	ug/l #	1
89) n-Butylbenzene	12.335	91	38708	4.051	ug/l #	62
90) Hexachloroethane	12.615	117	18251	11.257	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1045	1.098	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	1571	0.454	ug/l #	1
94) Hexachlorobutadiene	13.725	225	875	0.617	ug/l	93
95) Naphthalene	13.780	128	28571	2.298	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	1366	0.394	ug/l #	1

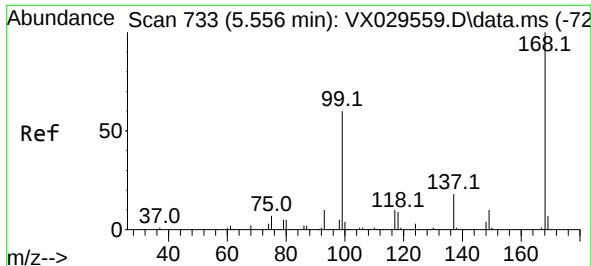
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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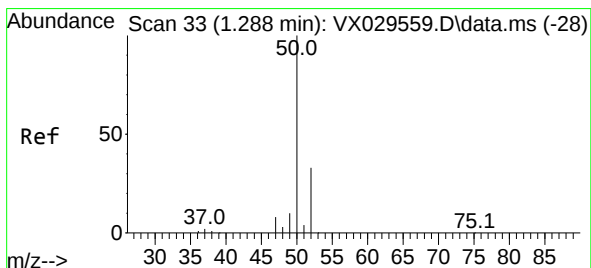
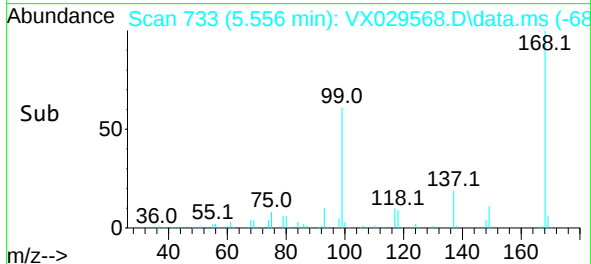
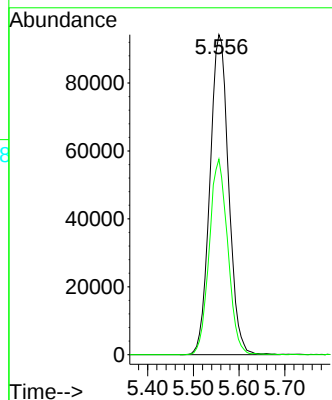
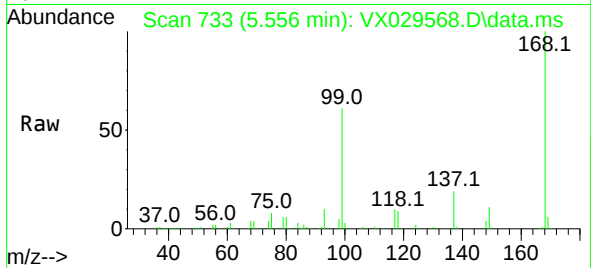




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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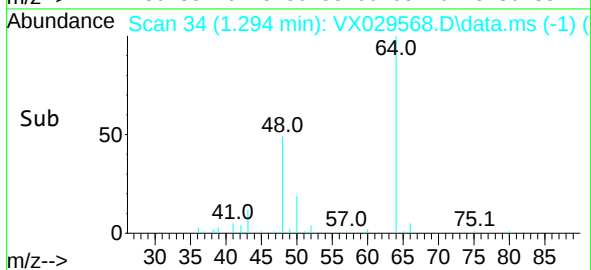
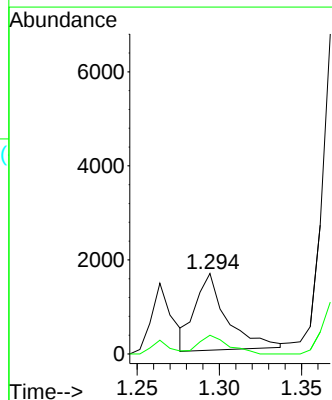
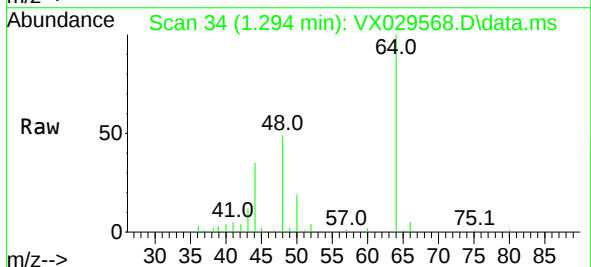
Instrument :
MSVOA_X
ClientSampleId :
MW-3

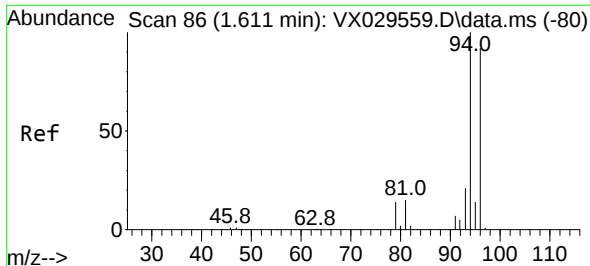
Tgt Ion:168 Resp: 268064
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5



#3
Chloromethane
Concen: 0.624 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 50 Resp: 2181
Ion Ratio Lower Upper
50 100
52 26.8 26.4 39.6

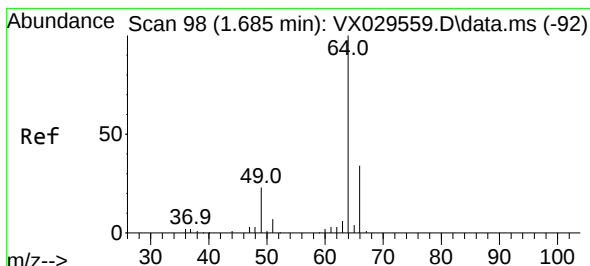
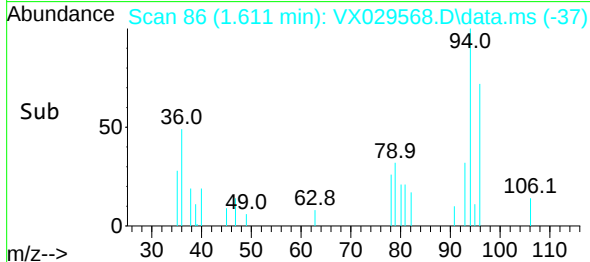
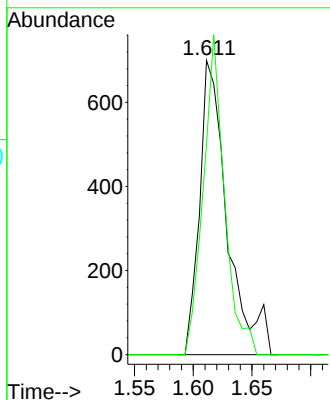
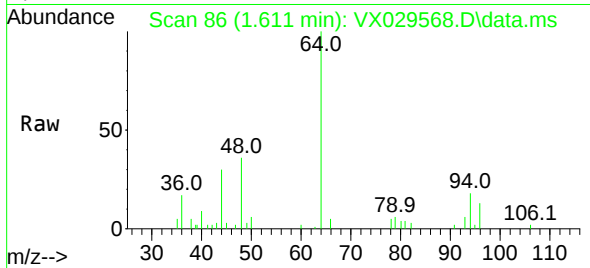




#5
 Bromomethane
 Concen: 0.696 ug/l
 RT: 1.611 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

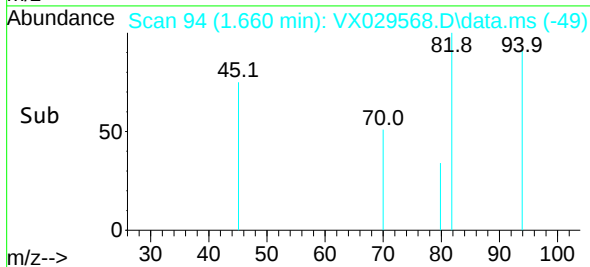
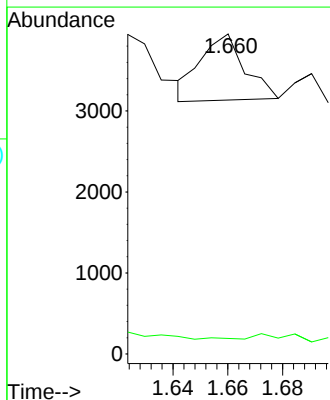
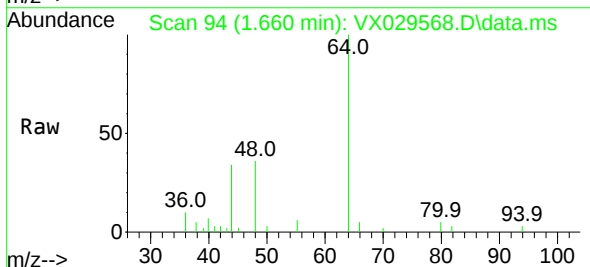
Instrument :
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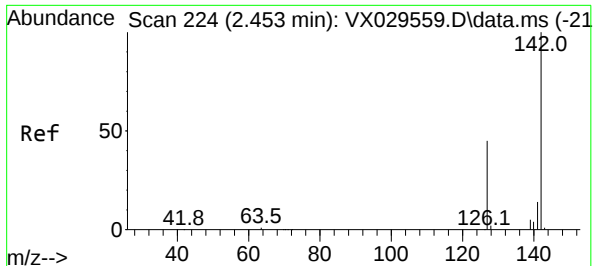
Tgt Ion: 94 Resp: 1143
 Ion Ratio Lower Upper
 94 100
 96 71.6 75.3 112.9#



#6
 Chloroethane
 Concen: 1.645 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.025 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

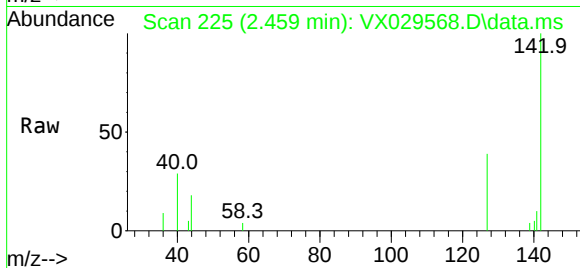
Tgt Ion: 64 Resp: 914
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.3 37.9#



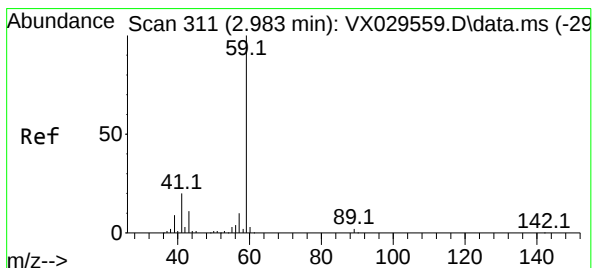
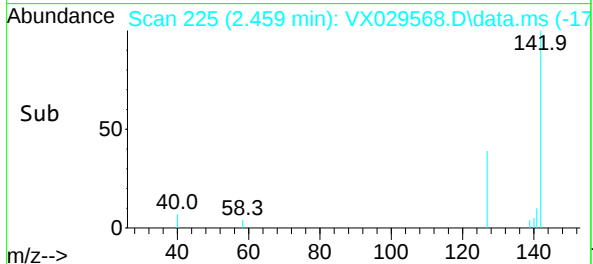
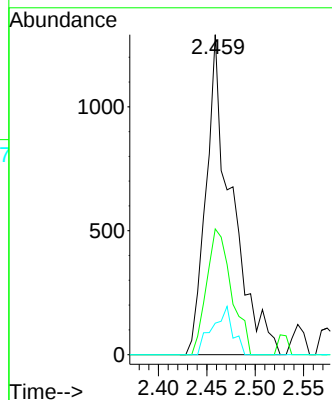


#10
Methyl Iodide
Concen: 3.710 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

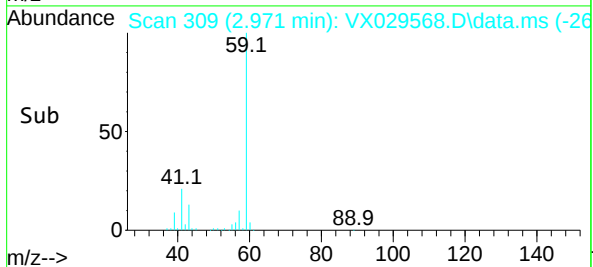
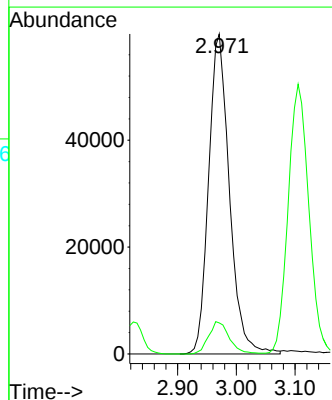
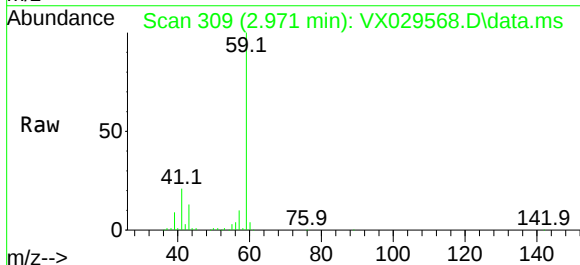


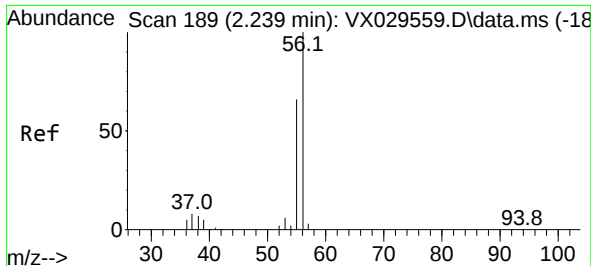
Tgt Ion:142 Resp: 2364
Ion Ratio Lower Upper
142 100
127 38.4 33.9 50.9
141 12.0 11.4 17.2



#11
Tert butyl alcohol
Concen: 187.862 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 59 Resp: 147048
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5





#13

Acrolein

Concen: 12.217 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

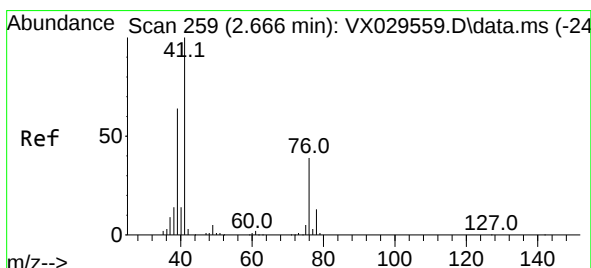
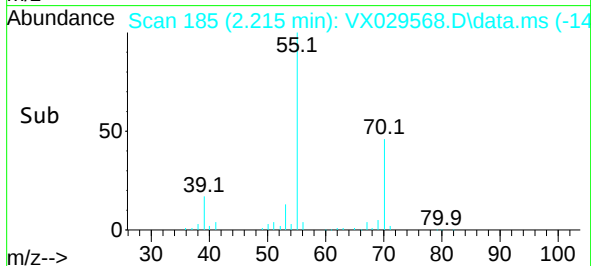
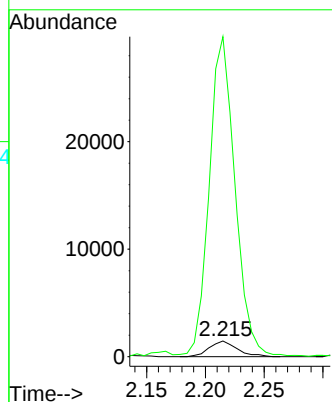
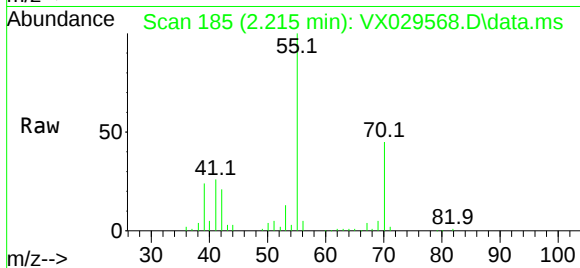
MW-3

Tgt Ion: 56 Resp: 2388

Ion Ratio Lower Upper

56 100

55 1899.0 55.0 82.6#



#14

Allyl chloride

Concen: 7.512 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

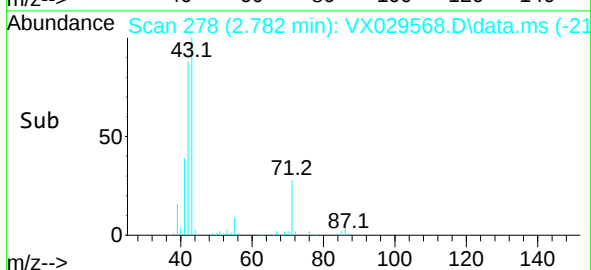
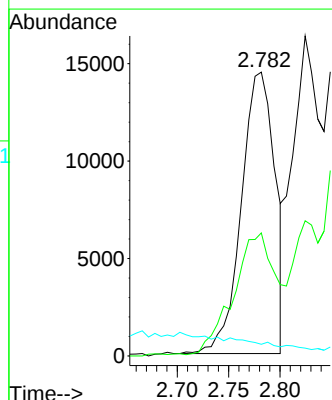
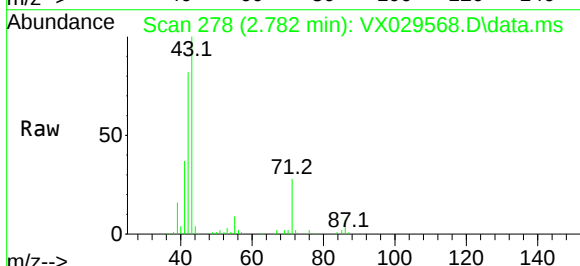
Tgt Ion: 41 Resp: 32939

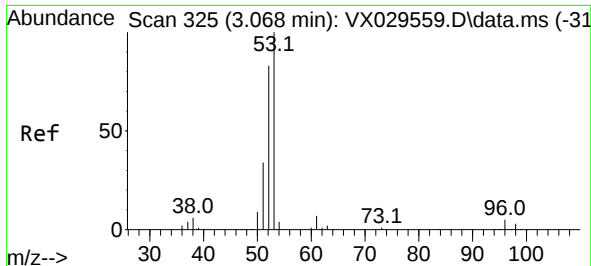
Ion Ratio Lower Upper

41 100

39 56.2 50.4 75.6

76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 2.916 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX029568.D

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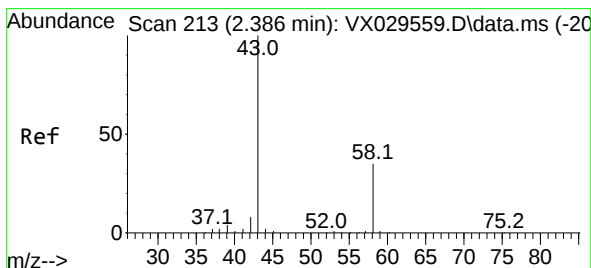
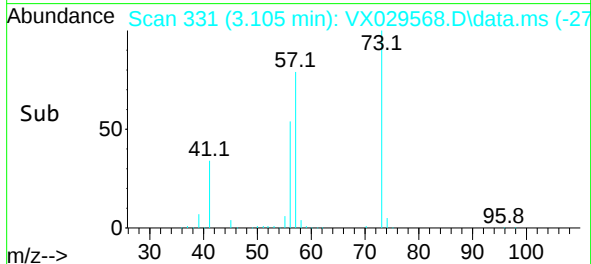
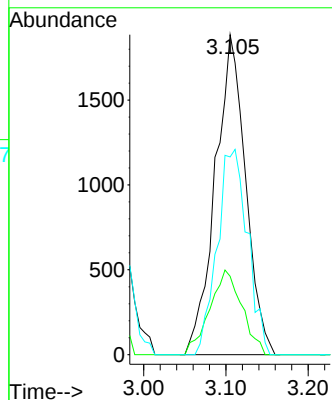
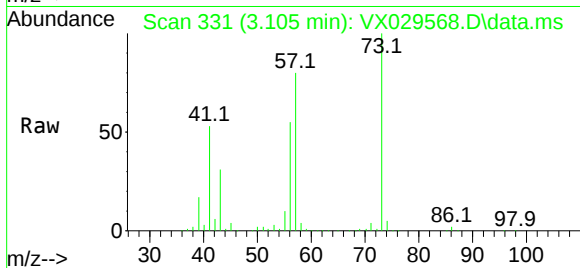
Tgt Ion: 53 Resp: 4840

Ion Ratio Lower Upper

53 100

52 28.0 65.7 98.5#

51 64.3 28.4 42.6#



#16

Acetone

Concen: 10.560 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029568.D

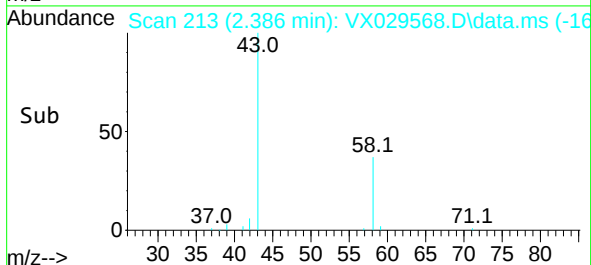
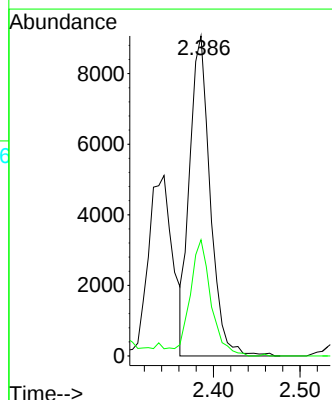
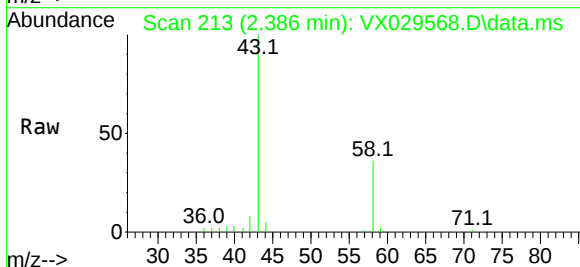
Acq: 18 Jun 2022 14:39

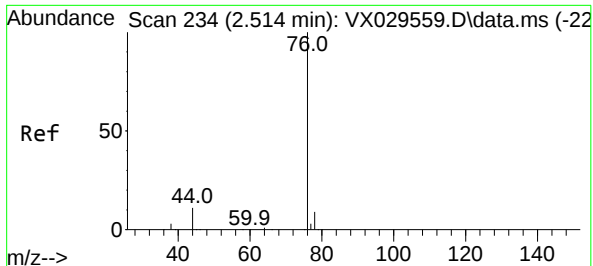
Tgt Ion: 43 Resp: 14936

Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2

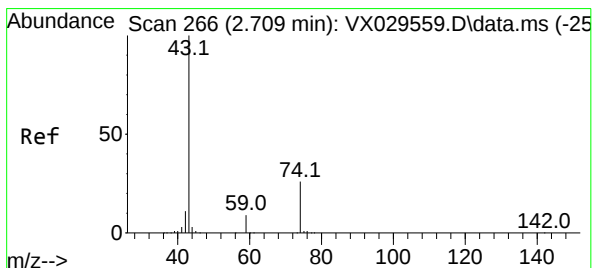
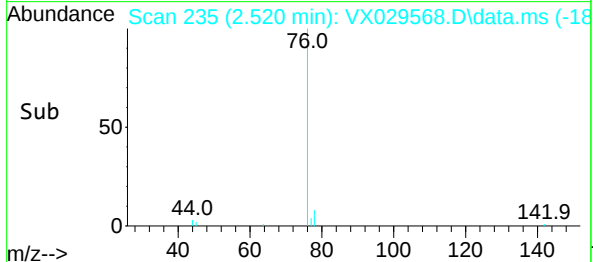
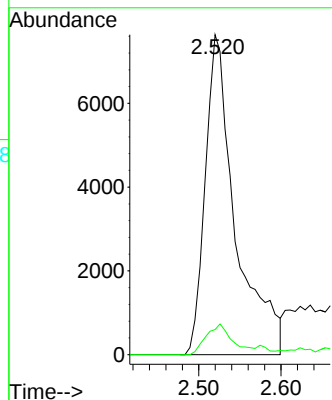
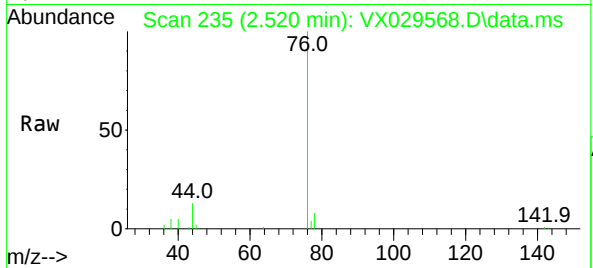




#17
Carbon Disulfide
Concen: 2.775 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029568.D
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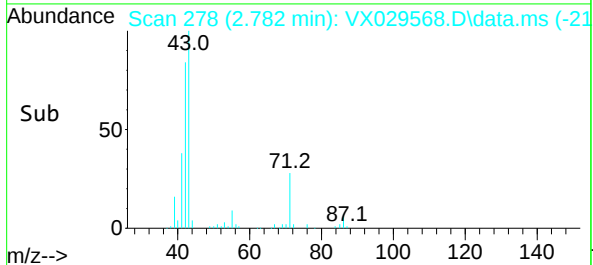
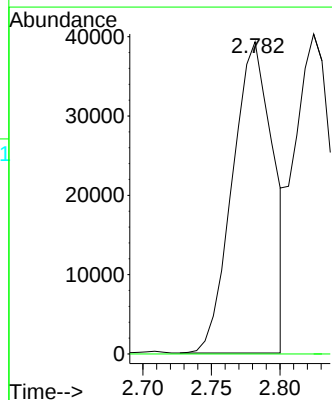
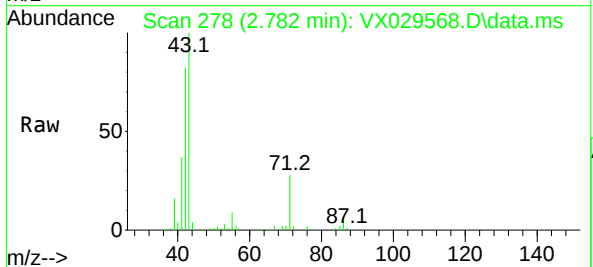
Instrument :
MSVOA_X
ClientSampleId :
MW-3

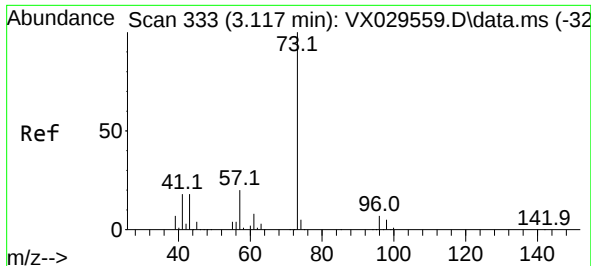
Tgt Ion: 76 Resp: 19536
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.583 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.073 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 43 Resp: 80710
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

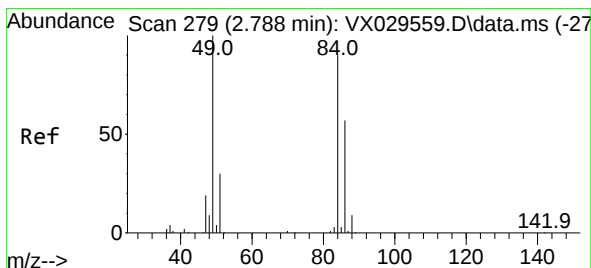
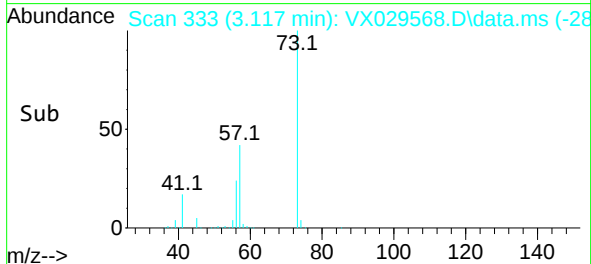
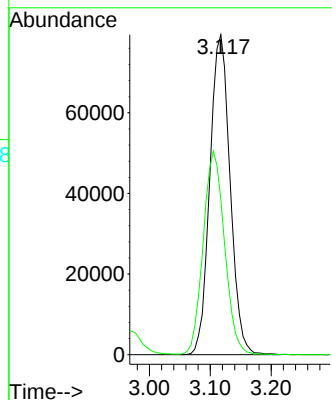
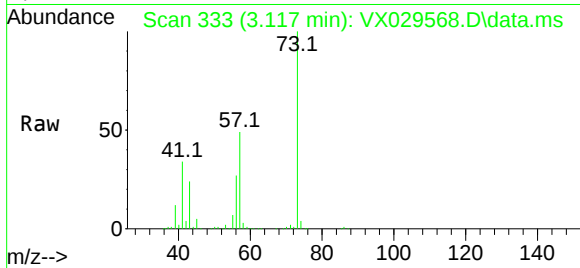




#19
Methyl tert-butyl Ether
Concen: 19.433 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

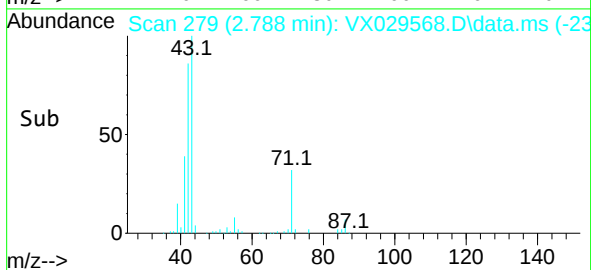
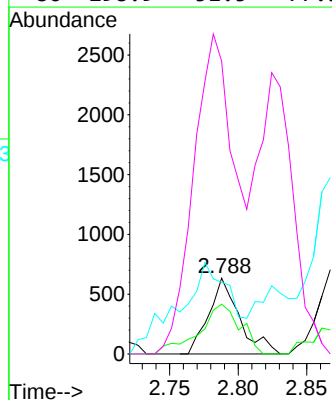
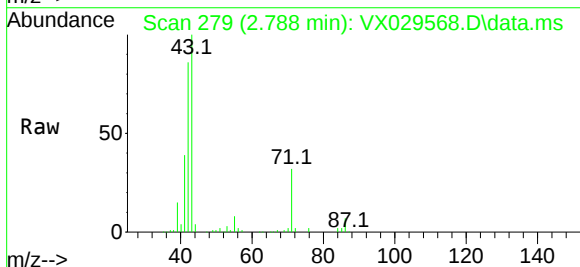
Instrument :
MSVOA_X
ClientSampleId :
MW-3

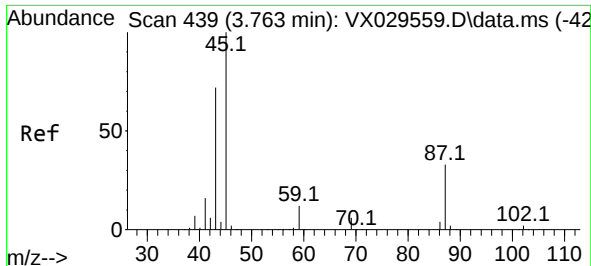
Tgt Ion: 73 Resp: 183221
Ion Ratio Lower Upper
73 100
57 48.4 16.8 25.2#



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 65.8 85.5 128.3#
51 39.3 26.6 39.8
86 298.9 51.5 77.3#

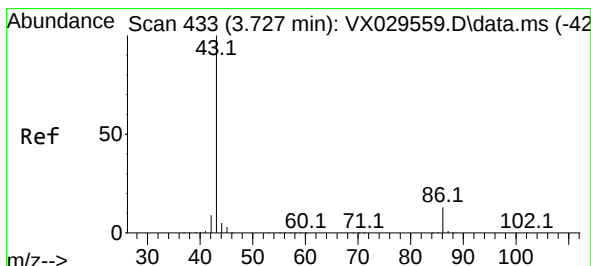
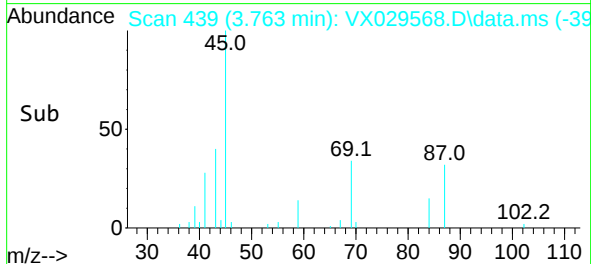
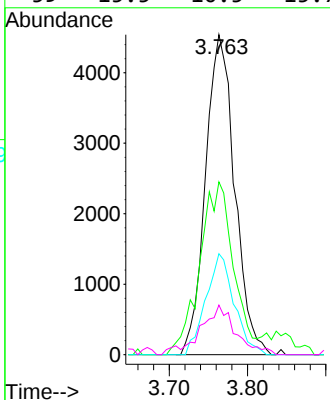
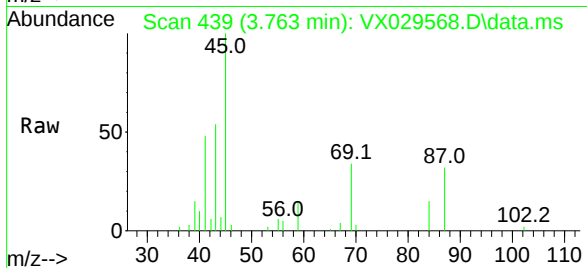




#22
Diisopropyl ether
Concen: 1.356 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

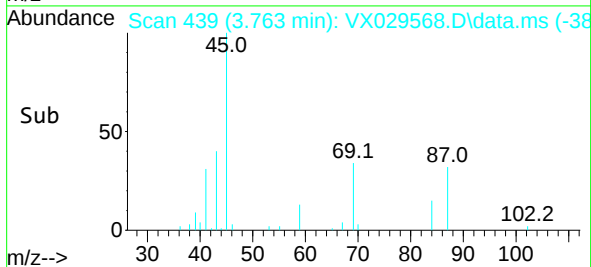
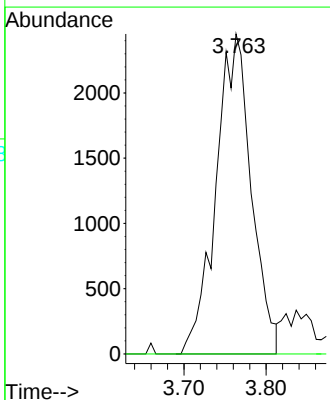
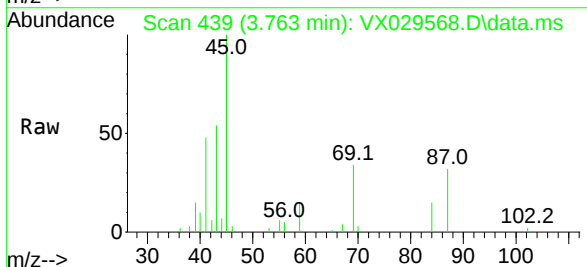
Instrument :
MSVOA_X
ClientSampleId :
MW-3

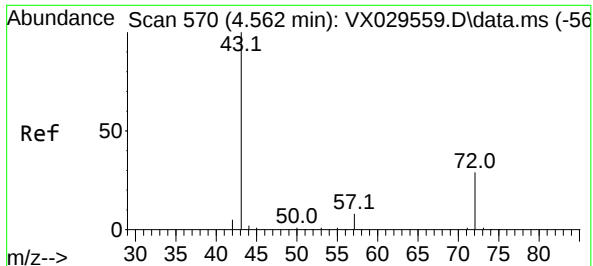
Tgt Ion:	45	Resp:	11758
Ion	Ratio	Lower	Upper
45	100		
43	50.3	50.8	76.2#
87	31.6	26.6	39.8
59	15.5	10.5	15.7



#23
Vinyl Acetate
Concen: 1.013 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:	43	Resp:	7338
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#

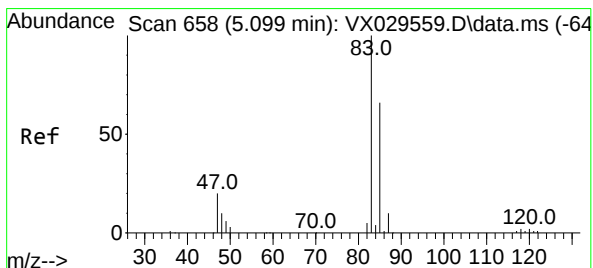
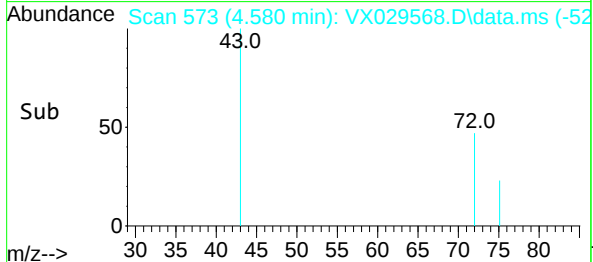
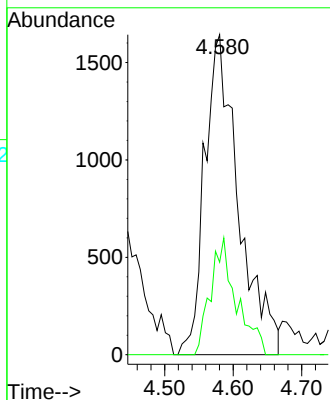
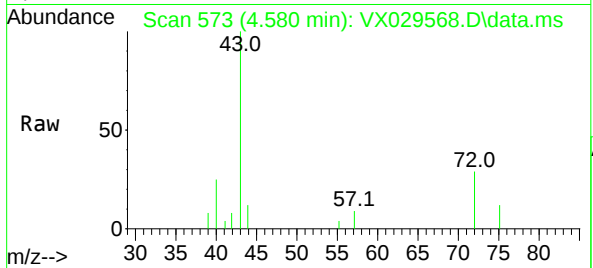




#25
2-Butanone
Concen: 2.527 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

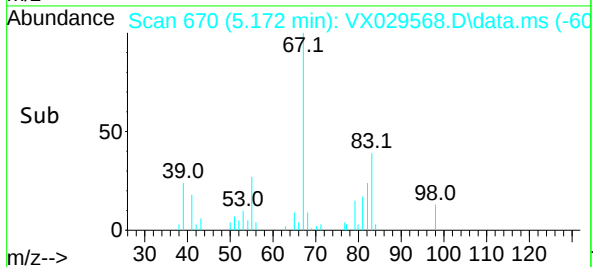
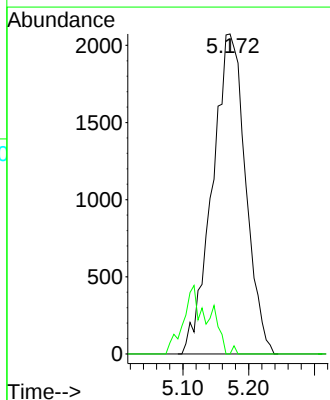
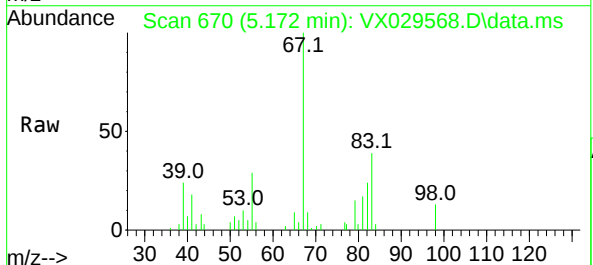
Instrument :
MSVOA_X
ClientSampleId :
MW-3

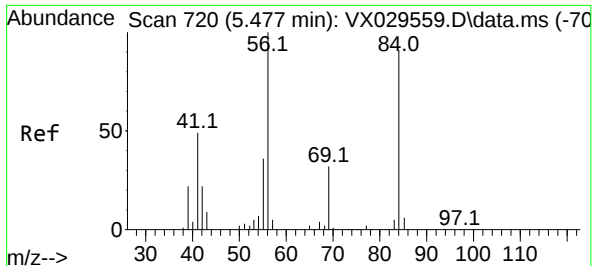
Tgt Ion: 43 Resp: 5649
Ion Ratio Lower Upper
43 100
72 28.9 24.4 36.6



#30
Chloroform
Concen: 1.323 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.073 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 83 Resp: 7303
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#

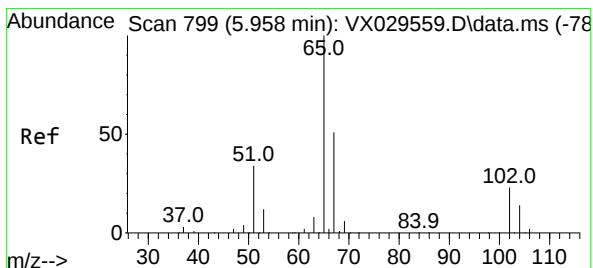
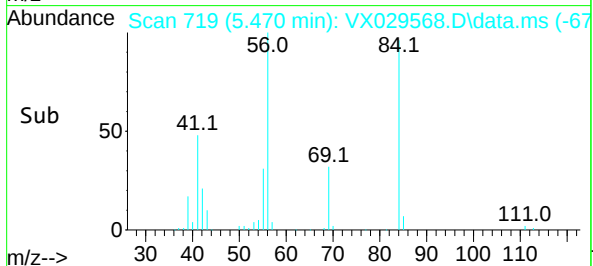
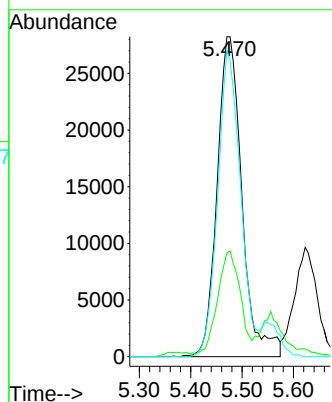
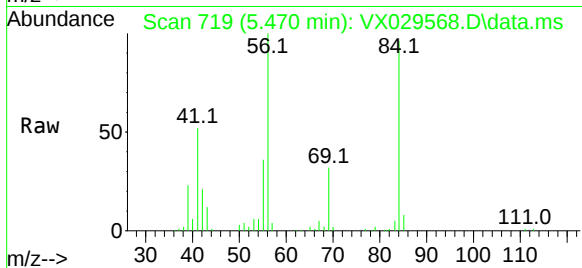




#31
Cyclohexane
Concen: 19.858 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

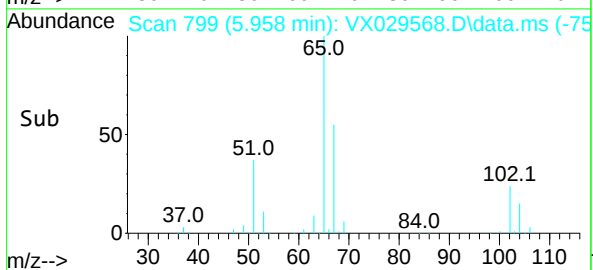
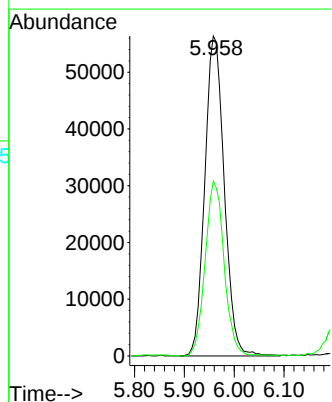
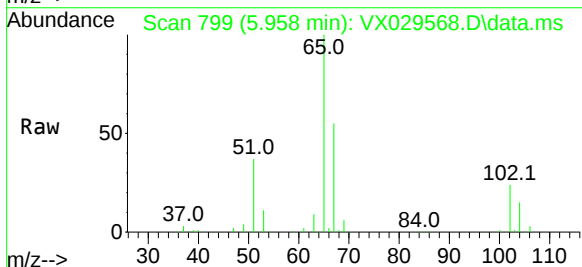
Instrument :
MSVOA_X
ClientSampleId :
MW-3

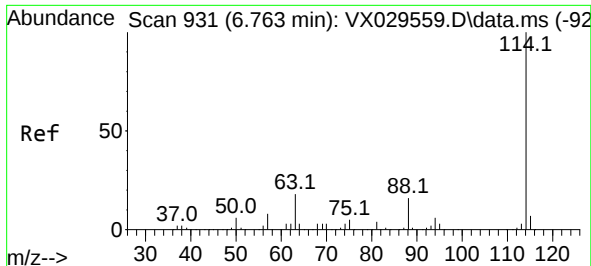
Tgt Ion: 56 Resp: 94600
Ion Ratio Lower Upper
56 100
69 31.3 26.7 40.1
84 95.7 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.059 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 65 Resp: 152793
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

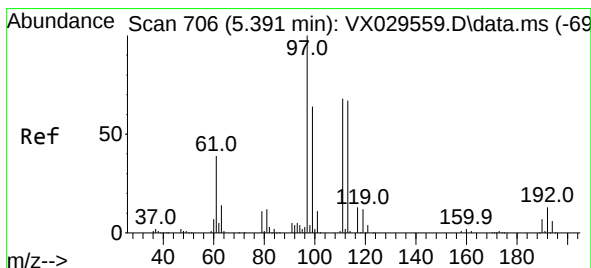
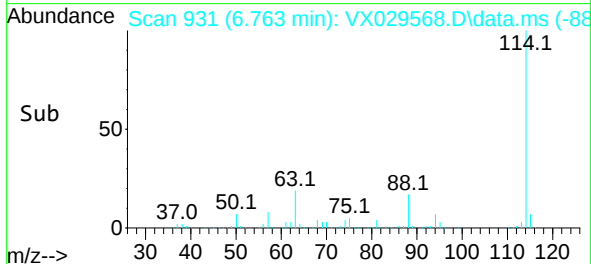
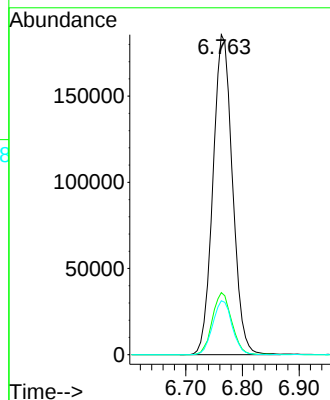
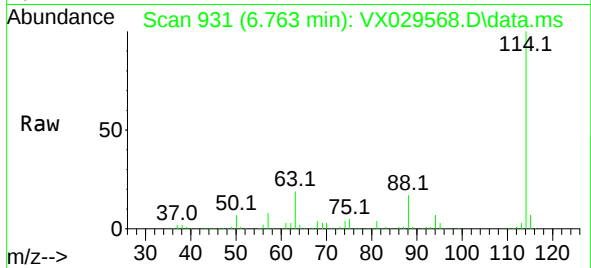




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

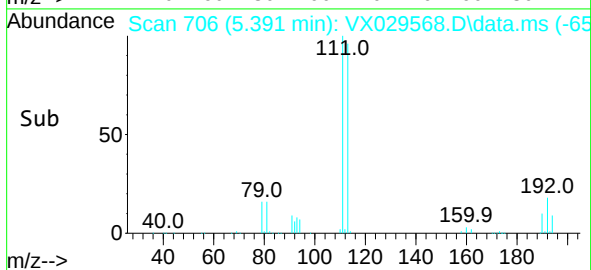
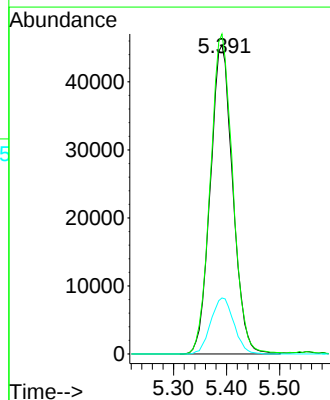
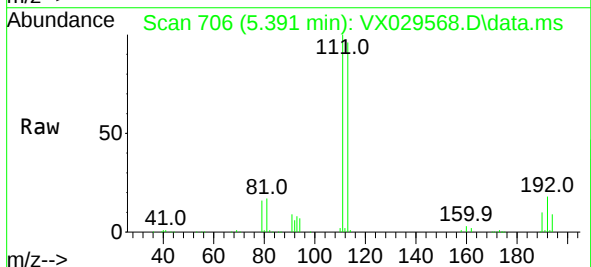
Instrument :
MSVOA_X
ClientSampleId :
MW-3

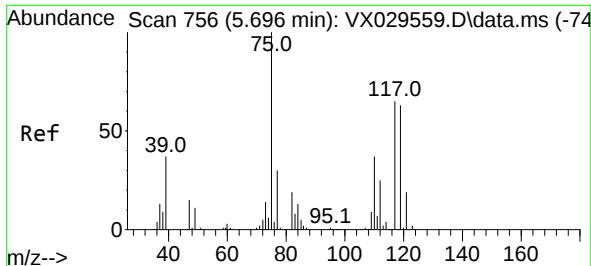
Tgt Ion:114 Resp: 443514
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.060 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:113 Resp: 133128
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.282 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

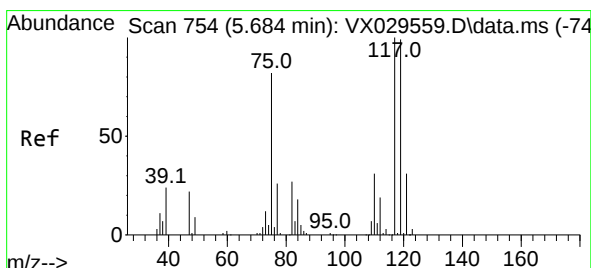
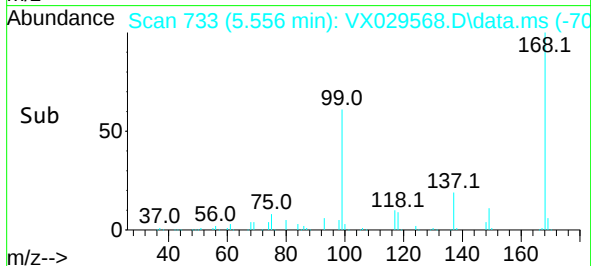
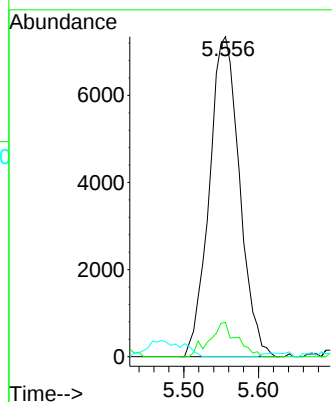
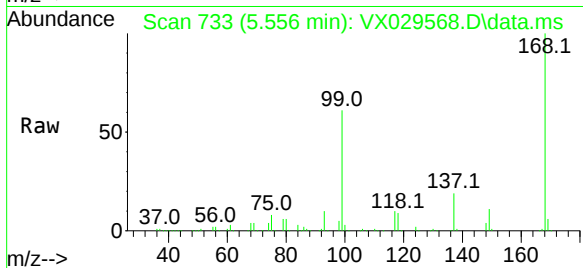
Tgt Ion: 75 Resp: 20662

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.497 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

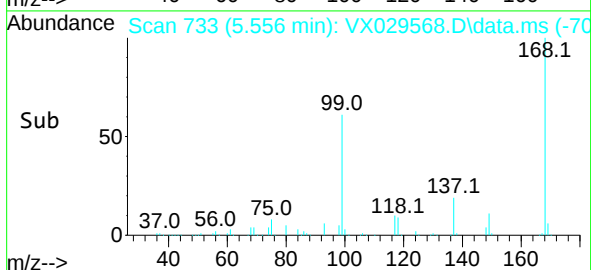
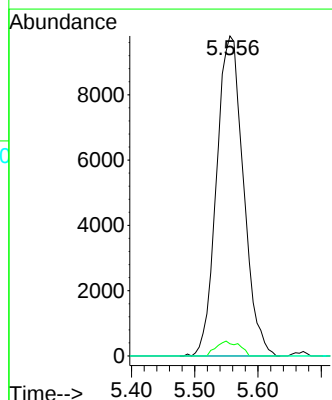
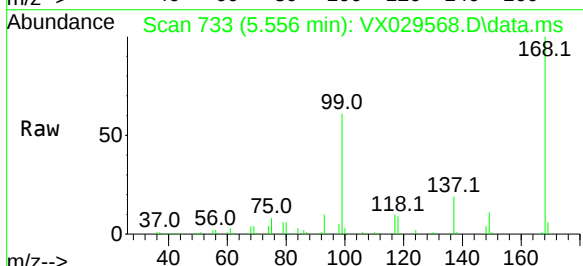
Tgt Ion: 117 Resp: 28840

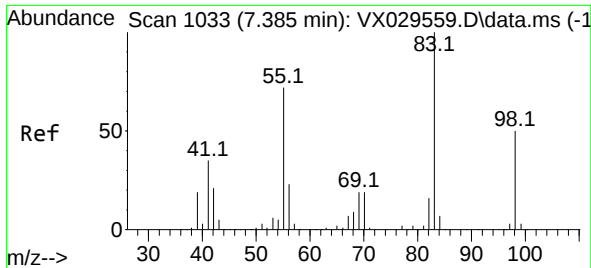
Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

121 0.0 24.2 36.2#

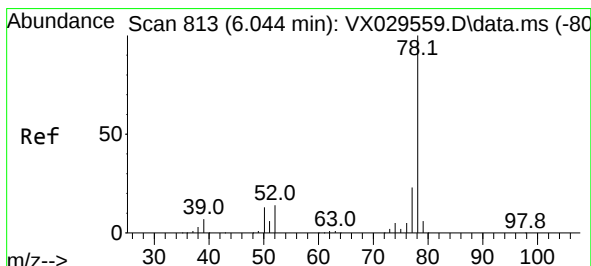
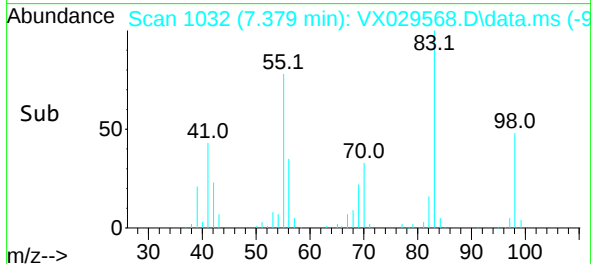
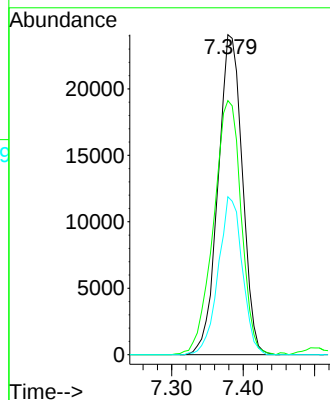
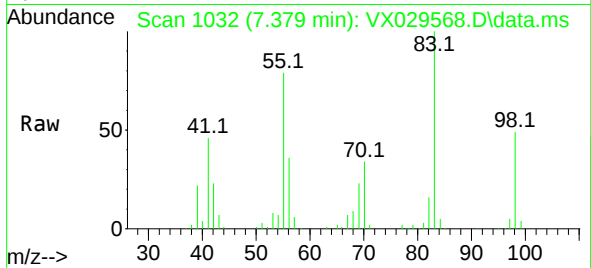




#39
Methylcyclohexane
Concen: 11.650 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

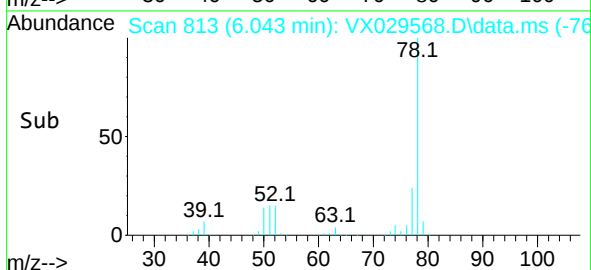
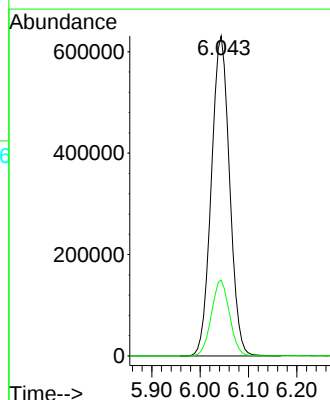
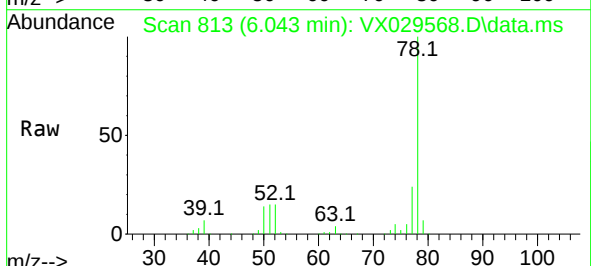
Instrument :
MSVOA_X
ClientSampleId :
MW-3

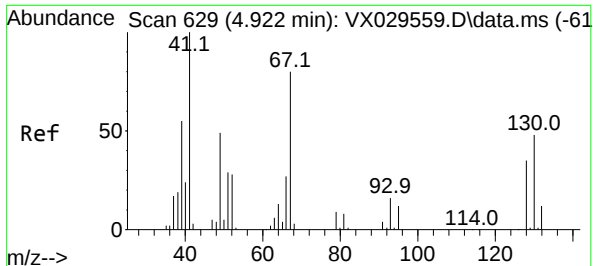
Tgt Ion: 83 Resp: 56818
Ion Ratio Lower Upper
83 100
55 79.0 54.6 81.8
98 49.4 37.4 56.2



#40
Benzene
Concen: 142.498 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 78 Resp: 1652369
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

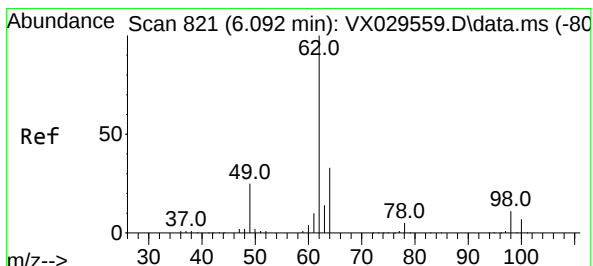
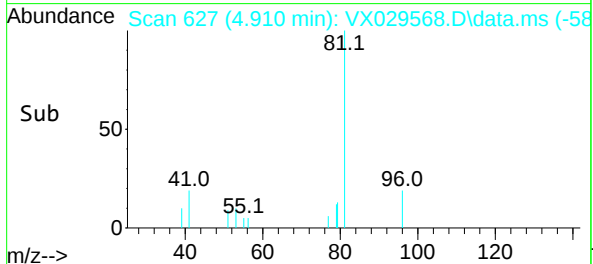
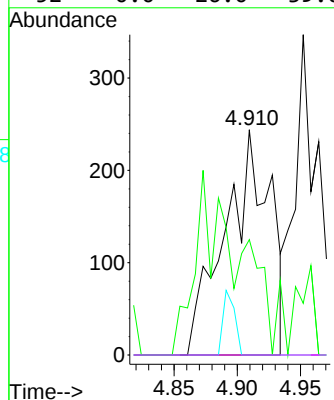
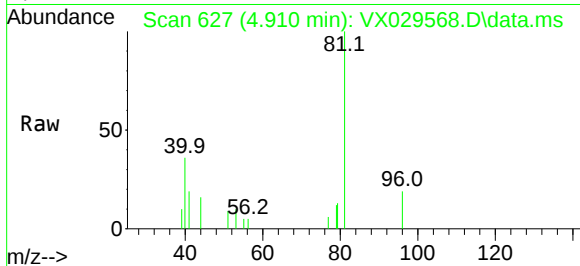




#41
Methacrylonitrile
Concen: 0.286 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

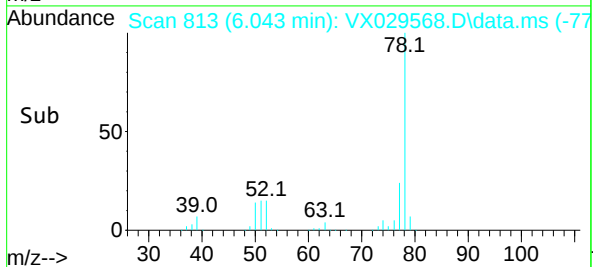
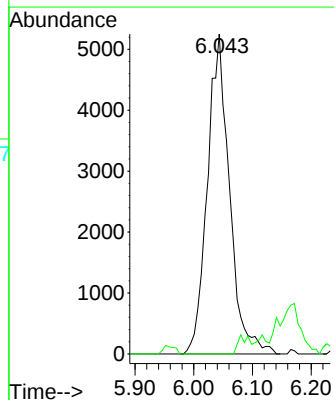
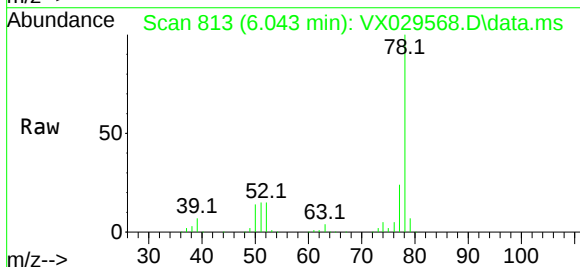
Instrument :
MSVOA_X
ClientSampleId :
MW-3

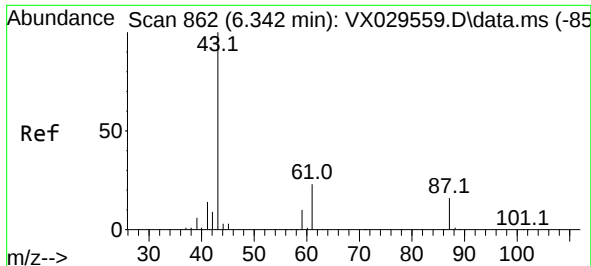
Tgt Ion: 41 Resp: 605
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#42
1,2-Dichloroethane
Concen: 3.442 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.049 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 62 Resp: 13720
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4





#43

Isopropyl Acetate

Concen: 0.463 ug/l

RT: 6.354 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

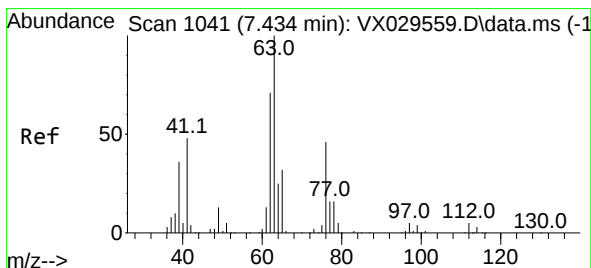
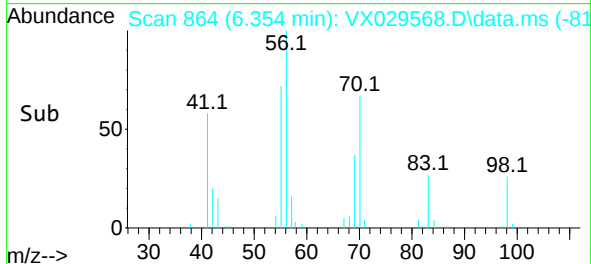
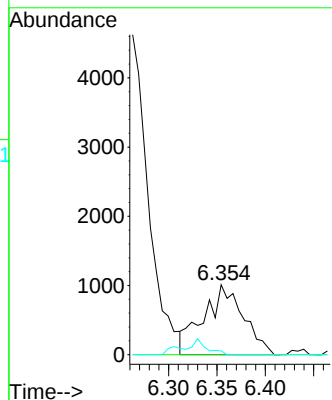
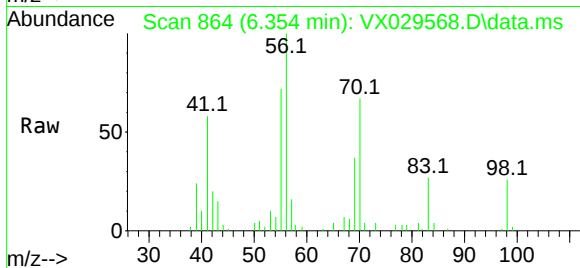
Tgt Ion: 43 Resp: 2886

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#



#45

1,2-Dichloropropane

Concen: 0.210 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.049 min

Lab File: VX029568.D

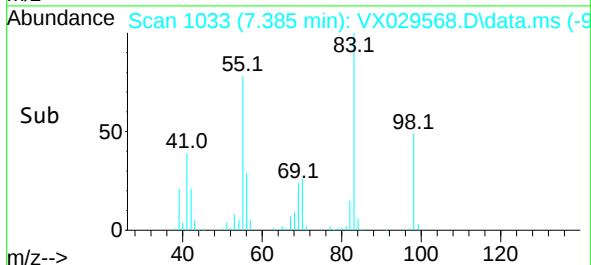
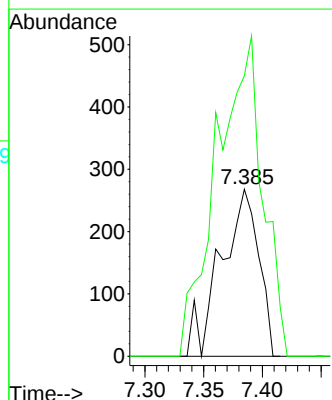
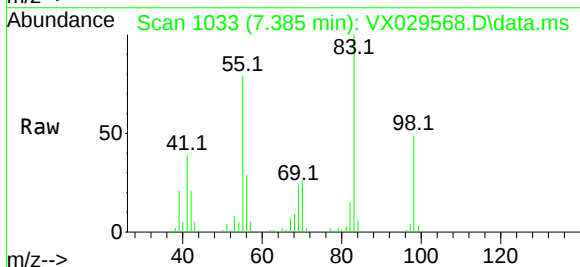
Acq: 18 Jun 2022 14:39

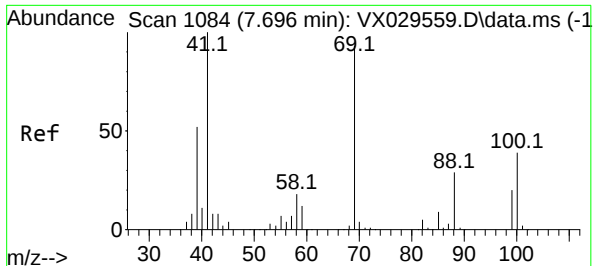
Tgt Ion: 63 Resp: 597

Ion Ratio Lower Upper

63 100

65 167.9 25.8 38.6#





#48

Methyl methacrylate

Concen: 1.463 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

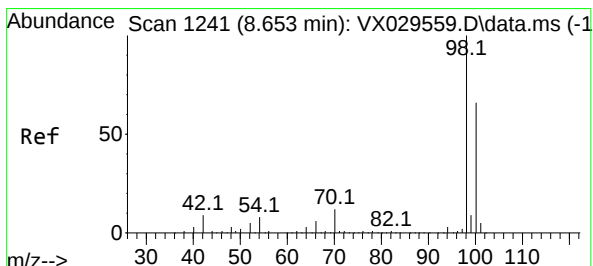
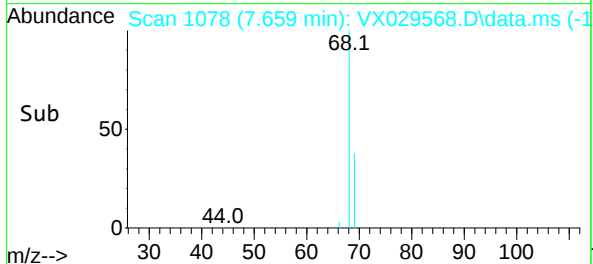
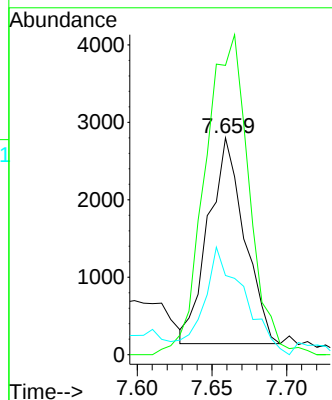
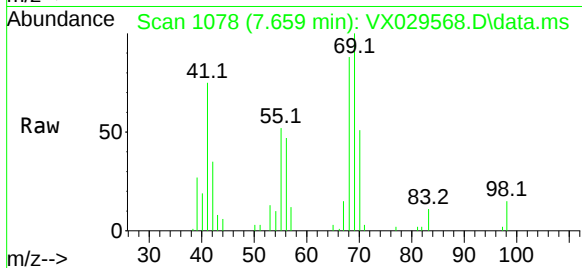
Tgt Ion: 41 Resp: 4474

Ion Ratio Lower Upper

41 100

69 189.0 82.5 123.7#

39 58.5 43.8 65.8



#50

Toluene-d8

Concen: 47.984 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029568.D

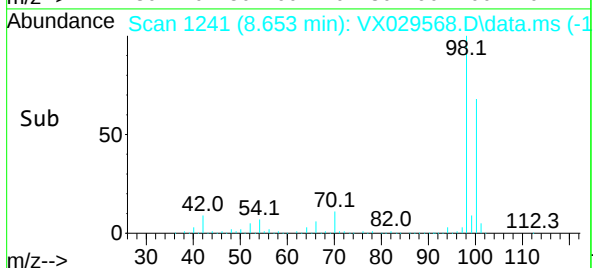
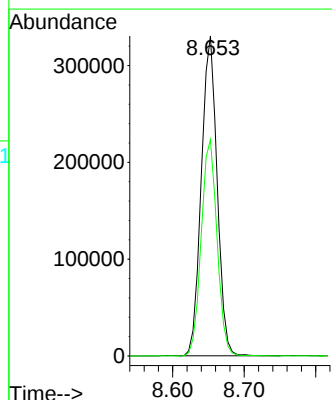
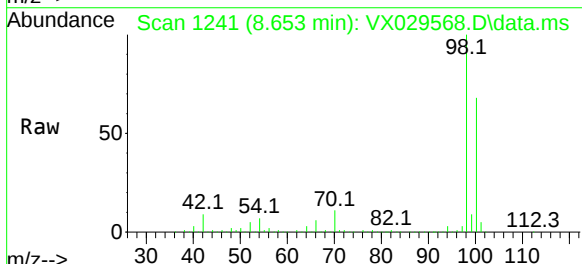
Acq: 18 Jun 2022 14:39

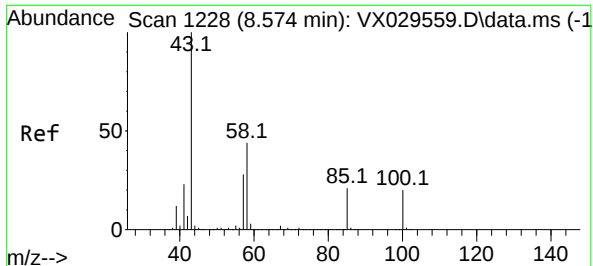
Tgt Ion: 98 Resp: 506659

Ion Ratio Lower Upper

98 100

100 67.7 52.6 78.8

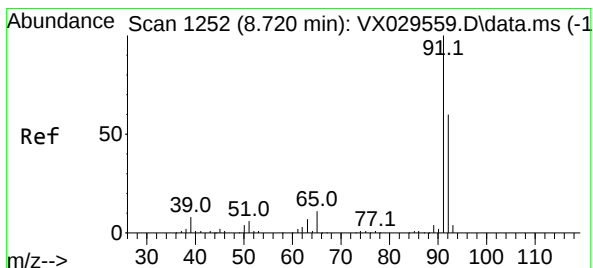
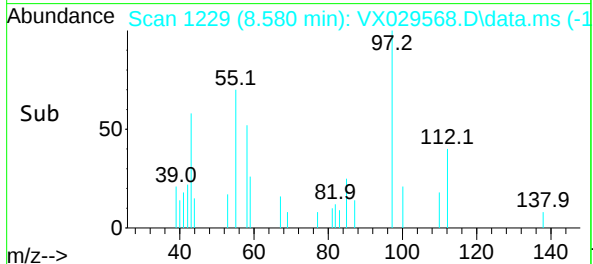
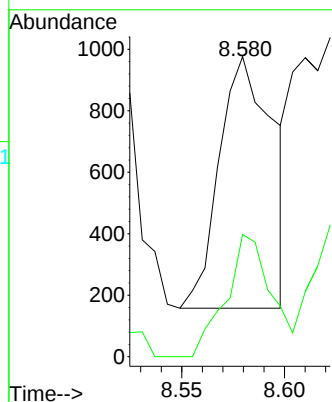
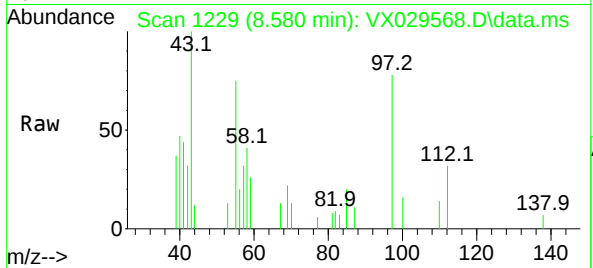




#51
4-Methyl-2-Pentanone
Concen: 0.370 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

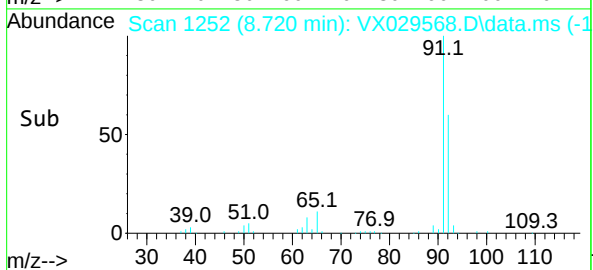
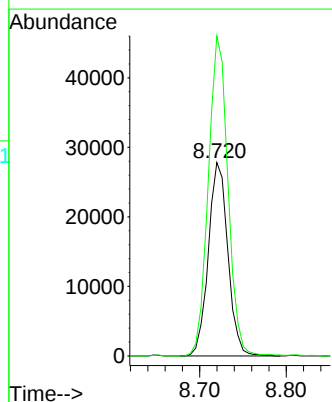
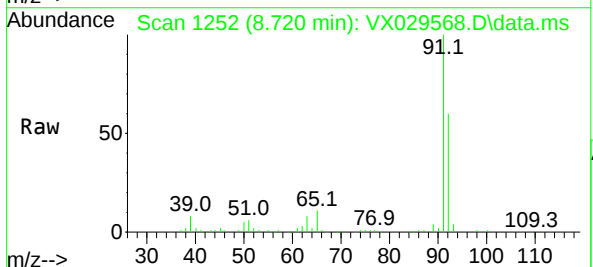
Instrument :
MSVOA_X
ClientSampleId :
MW-3

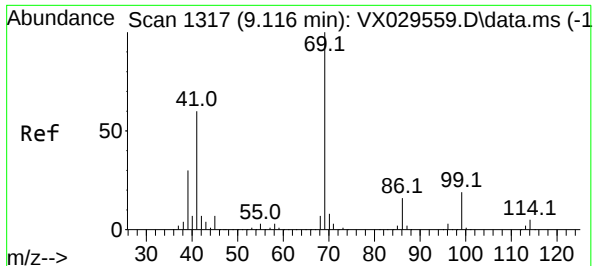
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 40.9 36.1 54.1



#52
Toluene
Concen: 5.859 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 92 Resp: 43506
Ion Ratio Lower Upper
92 100
91 166.7 137.5 206.3





#56

Ethyl methacrylate

Concen: 0.480 ug/l

RT: 9.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

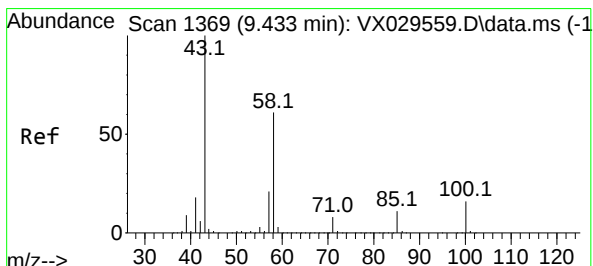
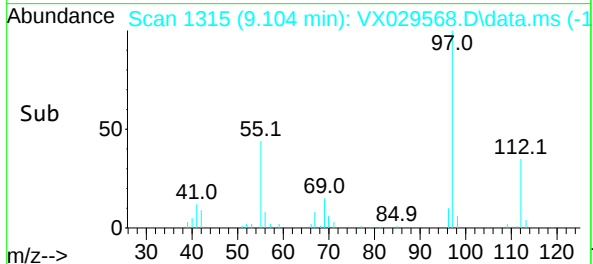
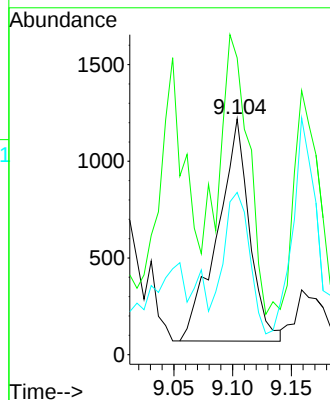
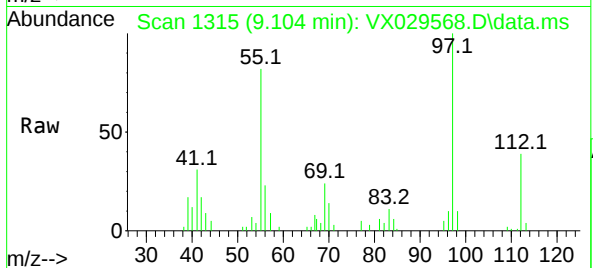
Tgt Ion: 69 Resp: 2178

Ion Ratio Lower Upper

69 100

41 113.0 43.8 65.6#

39 51.7 22.2 33.2#



#59

2-Hexanone

Concen: 1.003 ug/l

RT: 9.451 min Scan# 1372

Delta R.T. 0.018 min

Lab File: VX029568.D

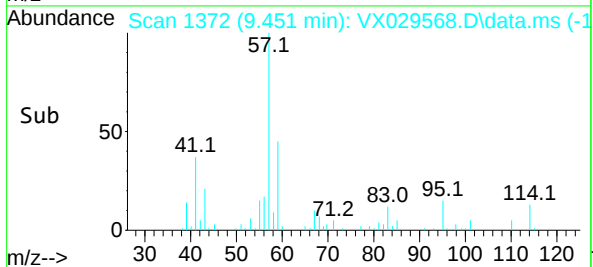
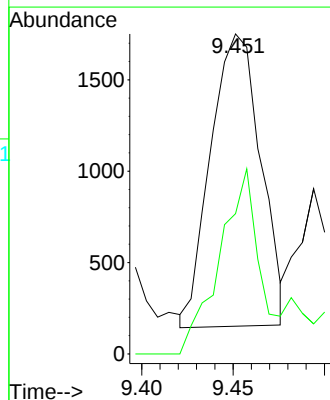
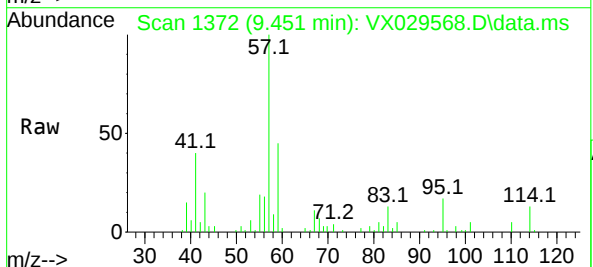
Acq: 18 Jun 2022 14:39

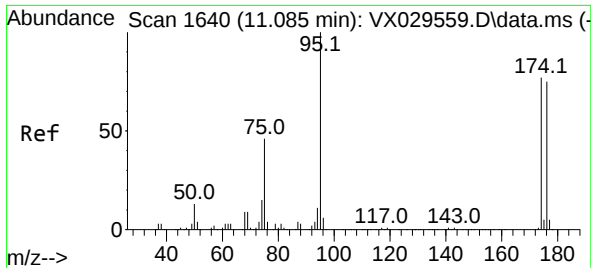
Tgt Ion: 43 Resp: 3051

Ion Ratio Lower Upper

43 100

58 50.2 31.9 95.7

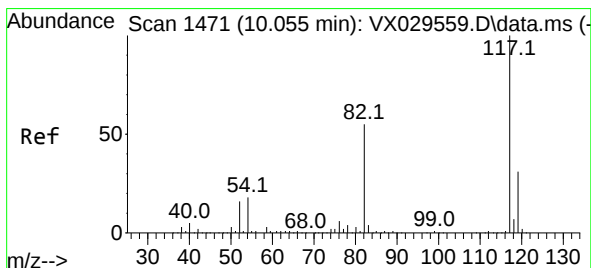
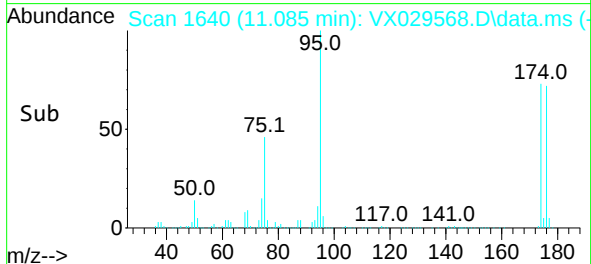
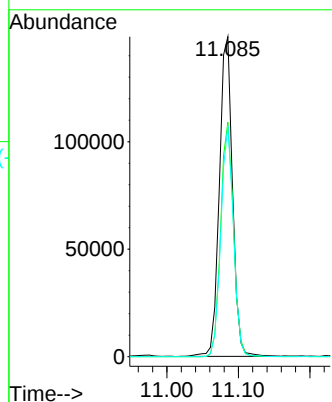
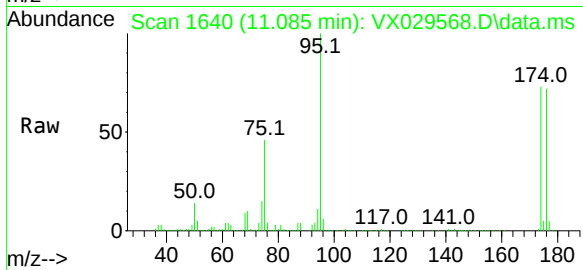




#62
4-Bromofluorobenzene
Concen: 47.621 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

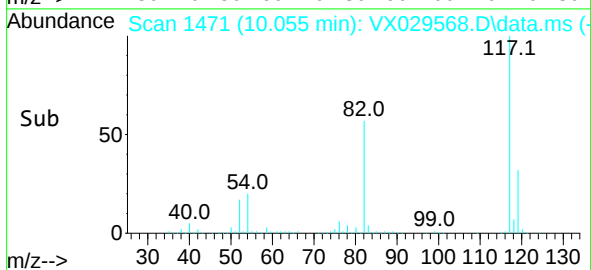
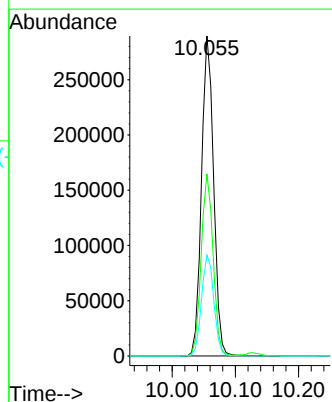
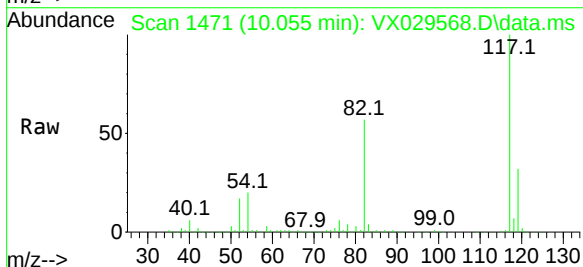
Instrument :
MSVOA_X
ClientSampleId :
MW-3

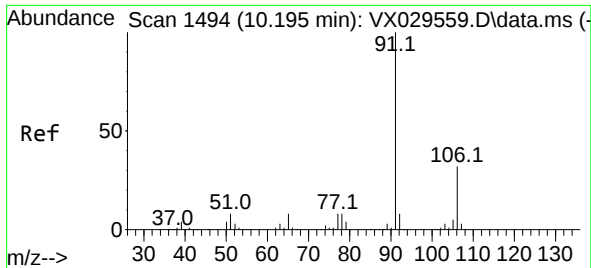
Tgt Ion: 95 Resp: 189621
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 117 Resp: 386128
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.5 24.8 37.2





#67

Ethyl Benzene

Concen: 19.440 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

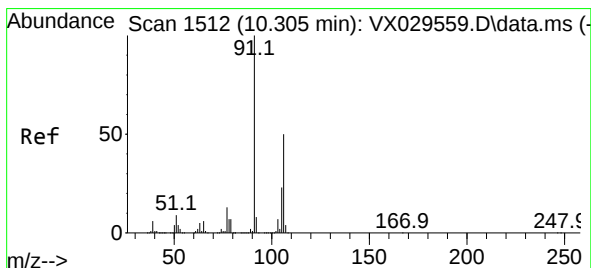
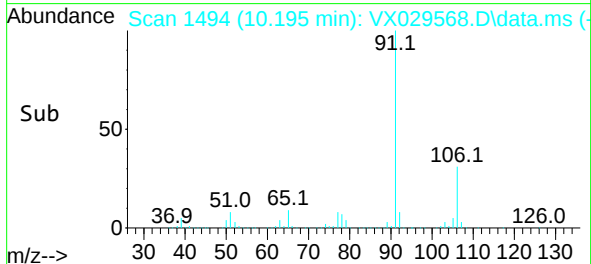
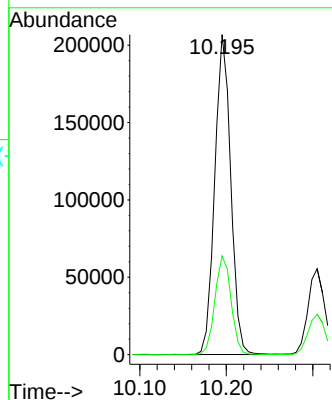
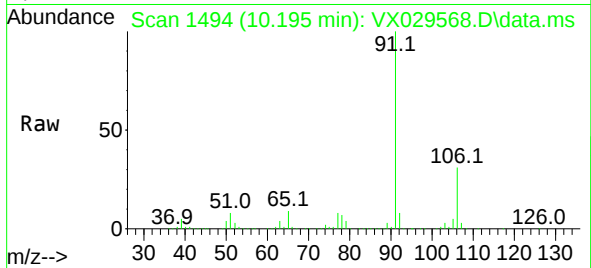
MW-3

Tgt Ion: 91 Resp: 264956

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 6.793 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029568.D

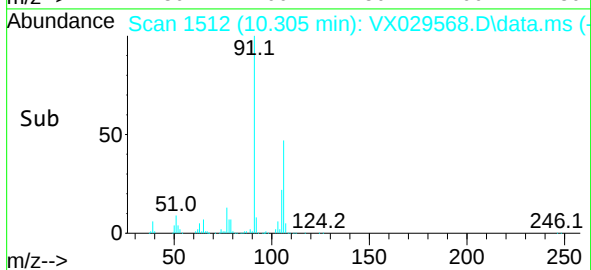
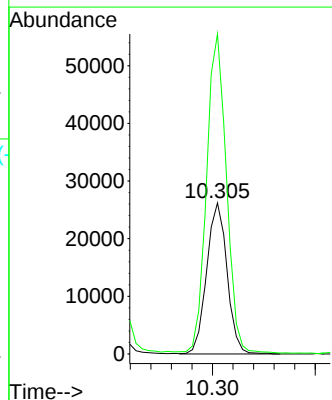
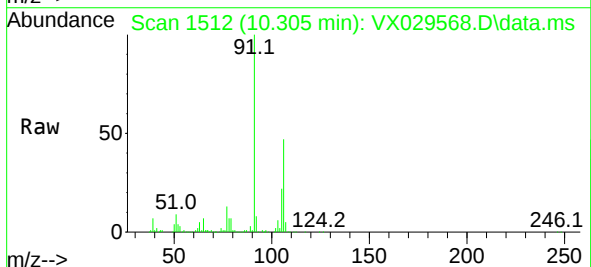
Acq: 18 Jun 2022 14:39

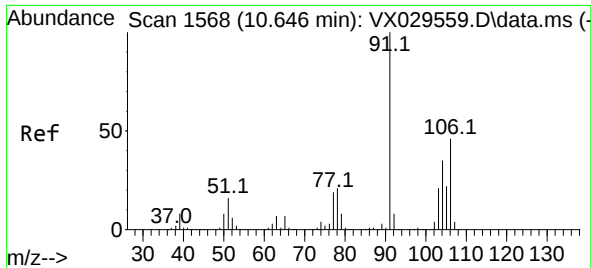
Tgt Ion: 106 Resp: 36106

Ion Ratio Lower Upper

106 100

91 207.4 160.4 240.6

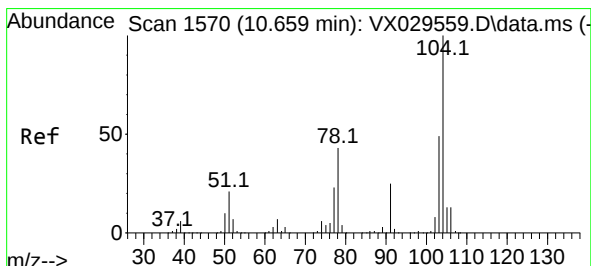
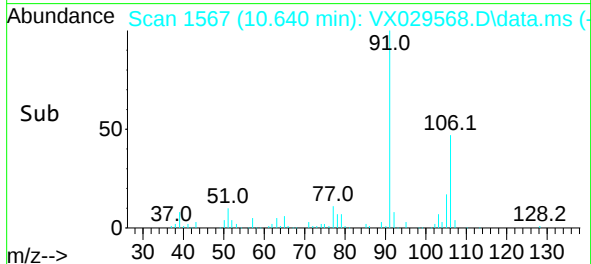
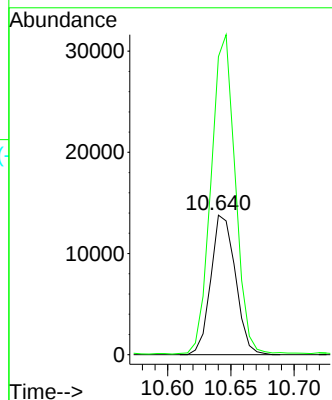
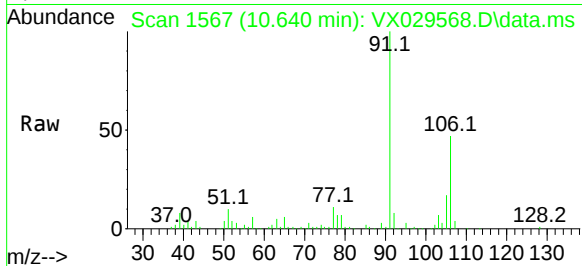




#69
o-Xylene
Concen: 3.546 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

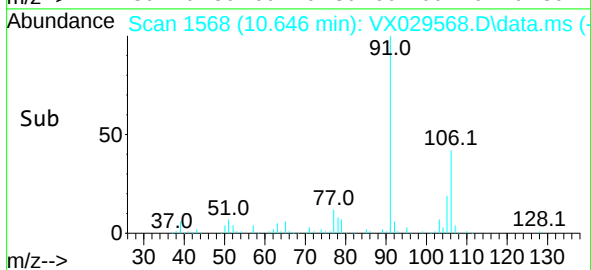
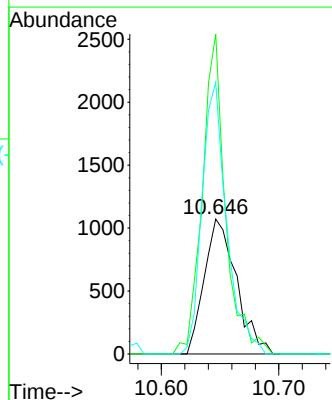
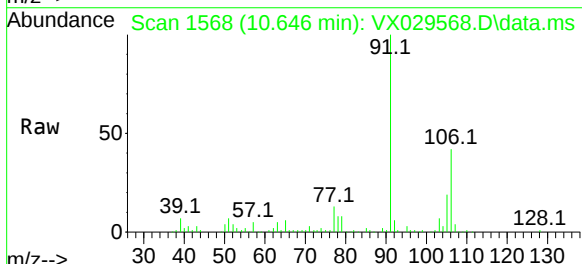
Instrument :
MSVOA_X
ClientSampleId :
MW-3

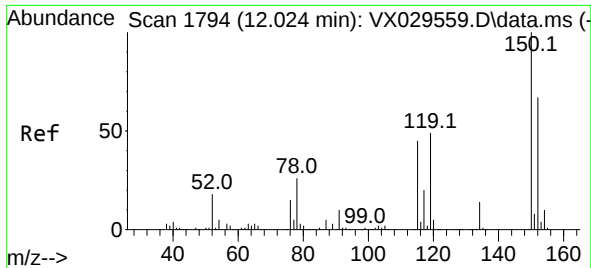
Tgt Ion:106 Resp: 18622
Ion Ratio Lower Upper
106 100
91 225.8 106.1 318.1



#70
Styrene
Concen: 0.236 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.013 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:104 Resp: 2030
Ion Ratio Lower Upper
104 100
78 171.3 38.6 57.8#
103 154.8 43.8 65.8#

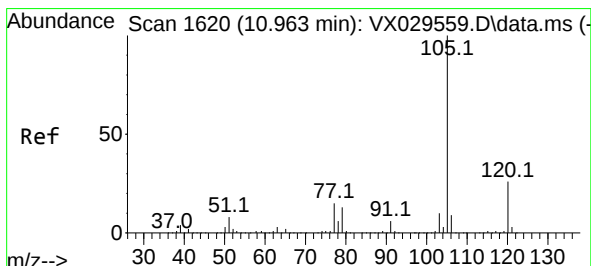
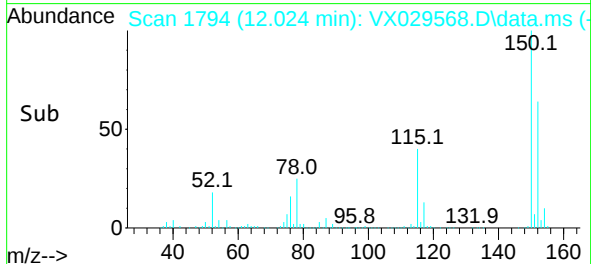
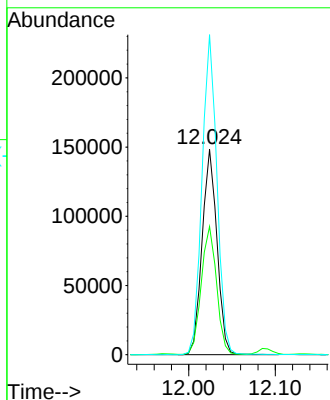
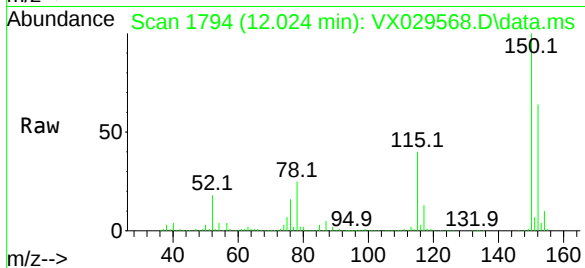




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

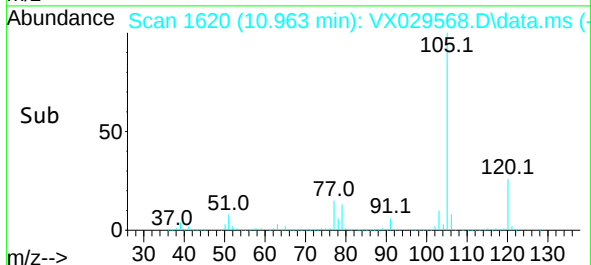
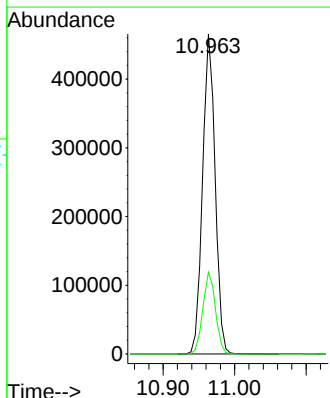
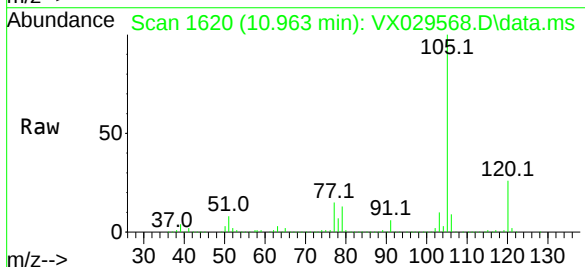
Instrument :
MSVOA_X
ClientSampleId :
MW-3

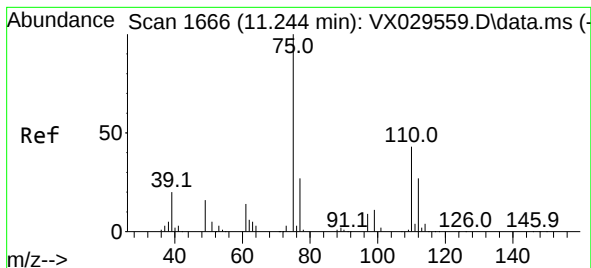
Tgt Ion:152 Resp: 177219
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 156.0 0.0 338.2



#73
Isopropylbenzene
Concen: 42.667 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:105 Resp: 566949
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5





#76

1,2,3-Trichloropropane

Concen: 0.866 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.061 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

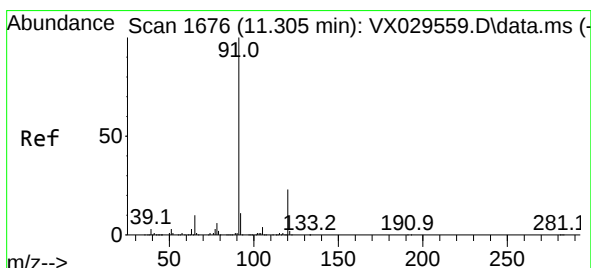
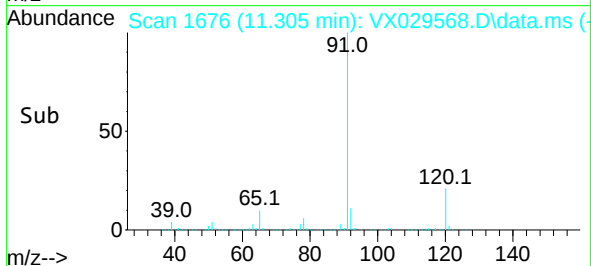
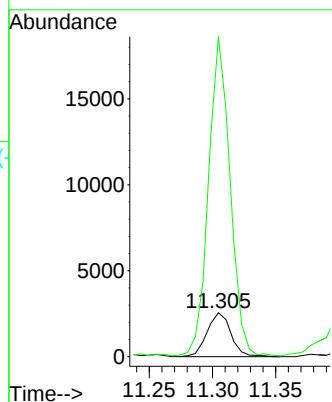
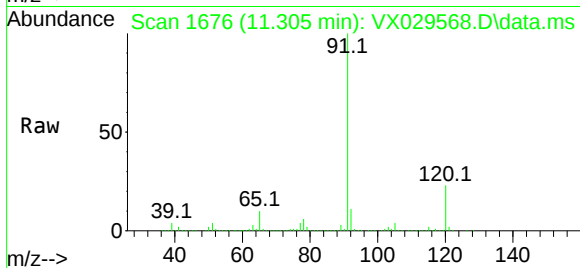
MW-3

Tgt Ion: 75 Resp: 3343

Ion Ratio Lower Upper

75 100

77 659.3 19.4 58.2#



#78

n-propylbenzene

Concen: 38.876 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029568.D

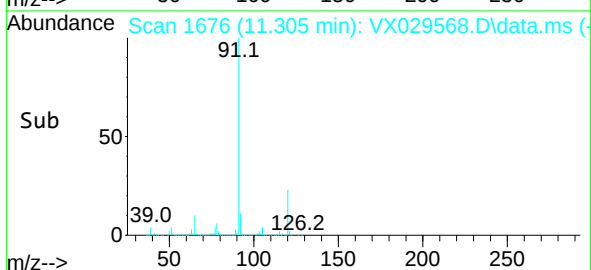
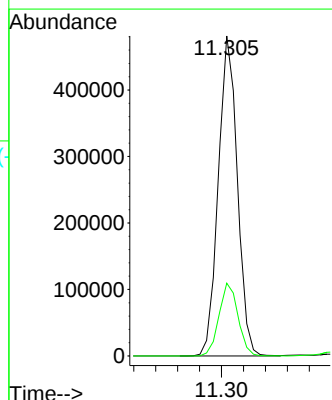
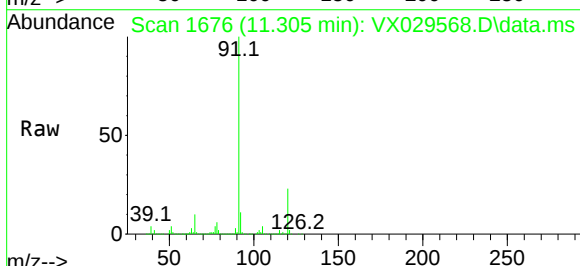
Acq: 18 Jun 2022 14:39

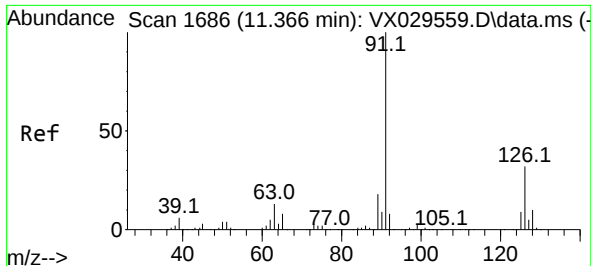
Tgt Ion: 91 Resp: 581804

Ion Ratio Lower Upper

91 100

120 22.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 62.785 ug/l

RT: 11.305 min Scan# 1692

Delta R.T. -0.061 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

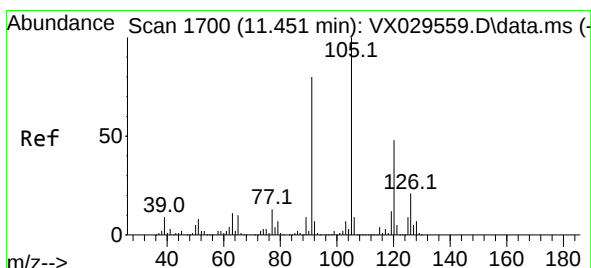
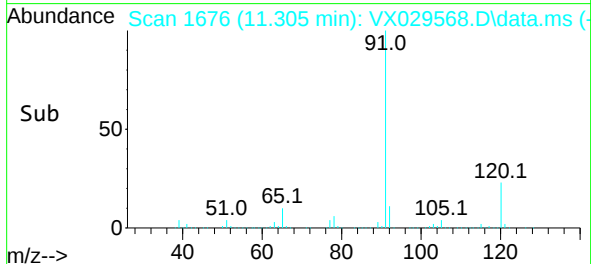
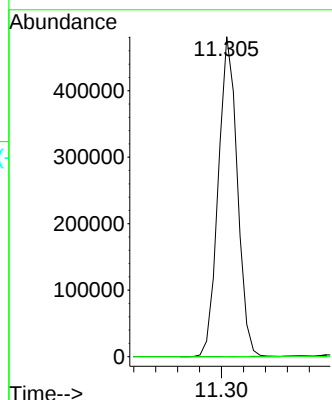
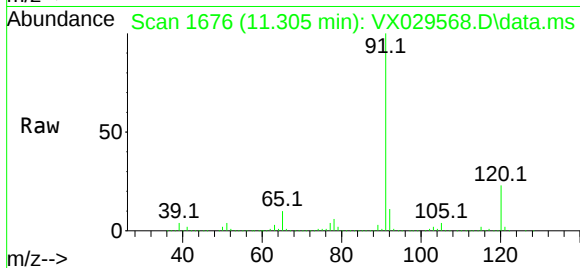
MW-3

Tgt Ion: 91 Resp: 581804

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 2.803 ug/l

RT: 11.402 min Scan# 1692

Delta R.T. -0.049 min

Lab File: VX029568.D

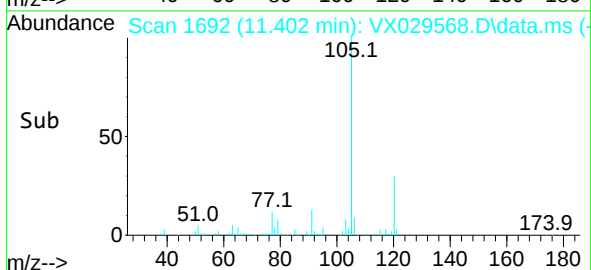
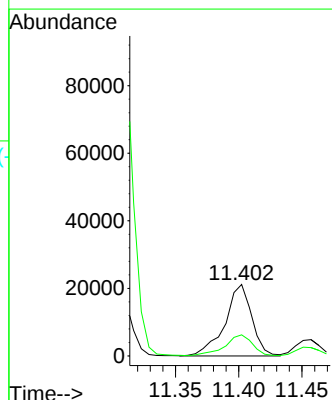
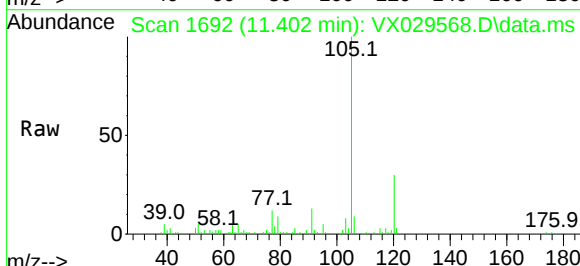
Acq: 18 Jun 2022 14:39

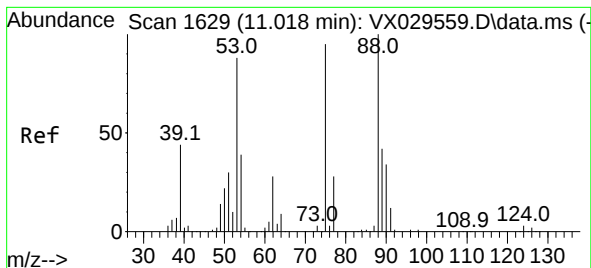
Tgt Ion:105 Resp: 31362

Ion Ratio Lower Upper

105 100

120 30.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 5.318 ug/l

RT: 10.963 min Scan# 1672

Delta R.T. -0.055 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

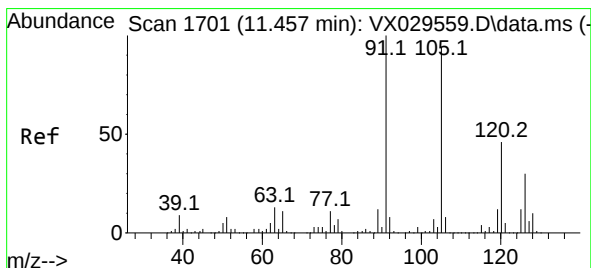
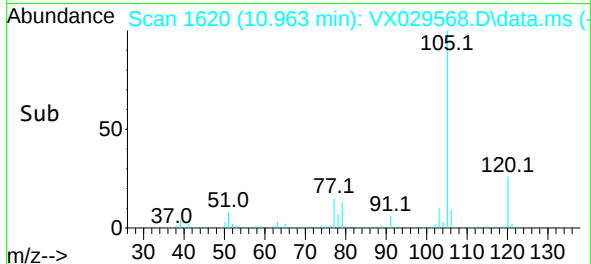
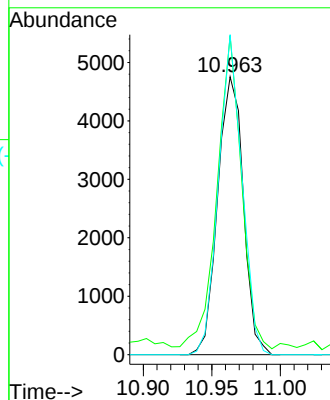
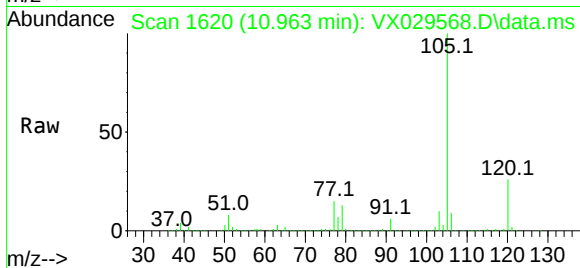
Tgt Ion: 75 Resp: 6172

Ion Ratio Lower Upper

75 100

53 107.3 69.0 103.4#

89 105.4 37.0 55.6#



#82

4-Chlorotoluene

Concen: 55.056 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.152 min

Lab File: VX029568.D

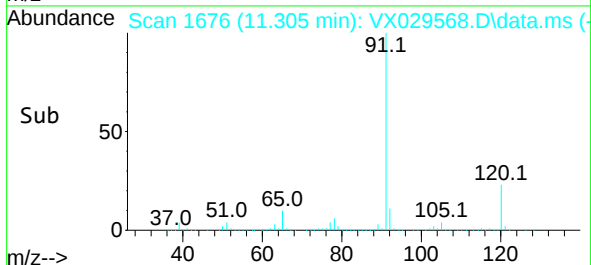
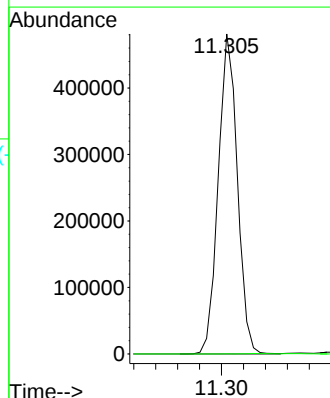
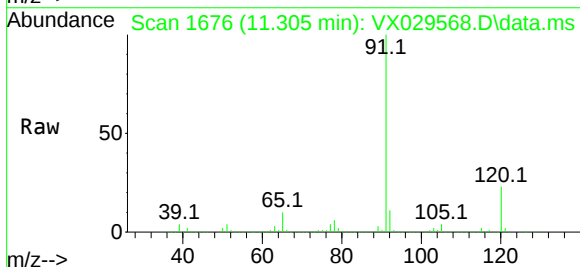
Acq: 18 Jun 2022 14:39

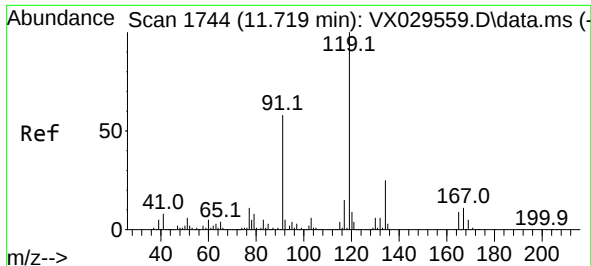
Tgt Ion: 91 Resp: 581804

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.5#

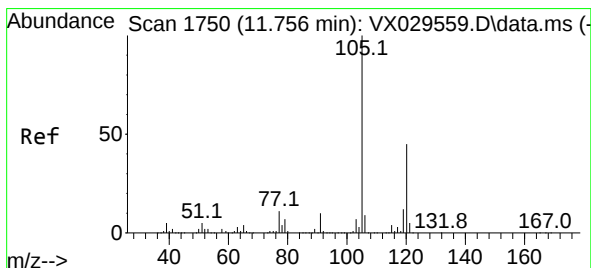
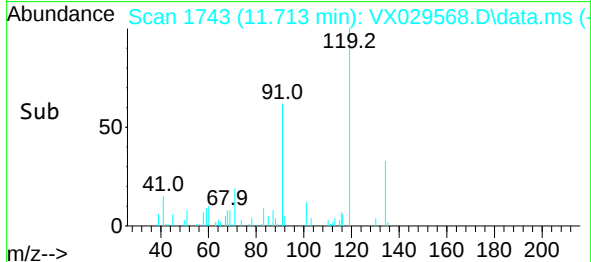
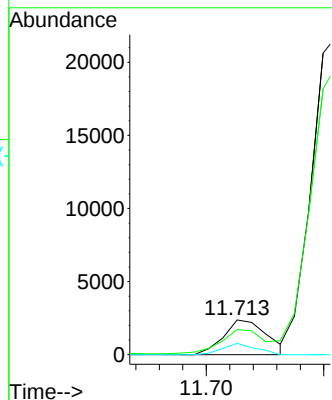
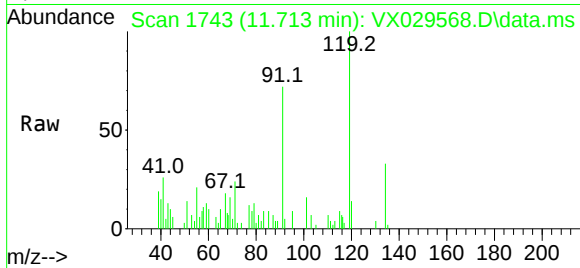




#83
 tert-Butylbenzene
 Concen: 0.277 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

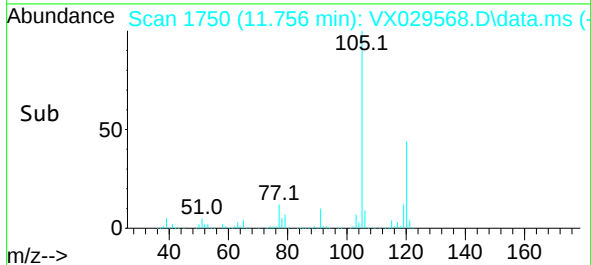
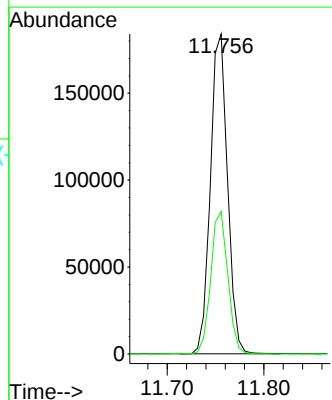
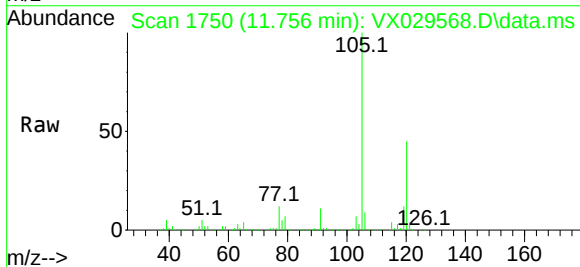
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

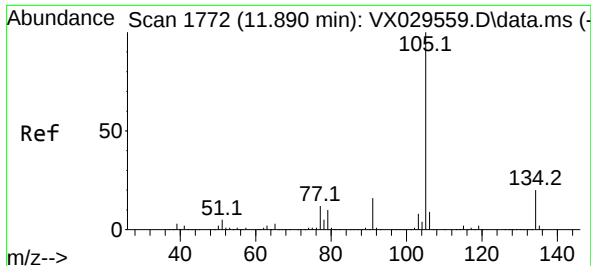
Tgt Ion:	119	Resp:	3026
Ion	Ratio	Lower	Upper
119	100		
91	72.2	26.9	80.6
134	25.2	11.4	34.2



#84
 1,2,4-Trimethylbenzene
 Concen: 20.323 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

Tgt Ion:	105	Resp:	226817
Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.8

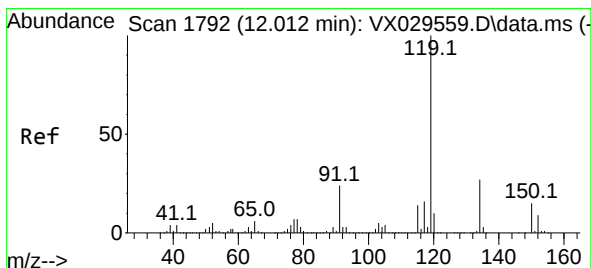
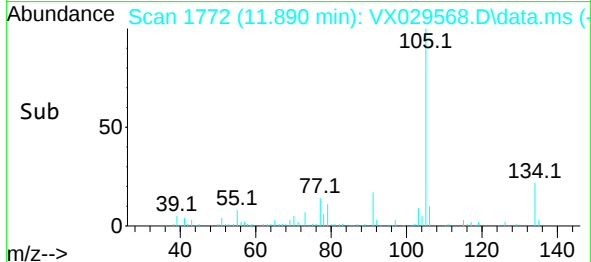
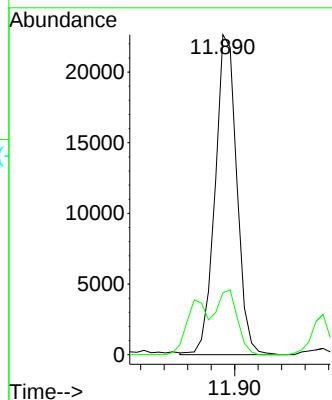
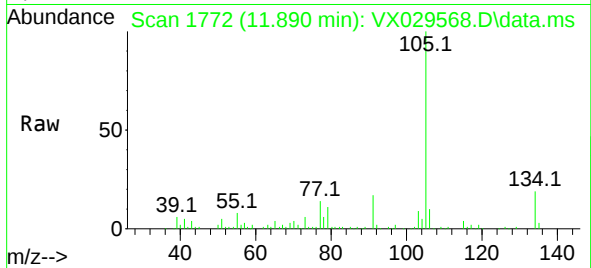




#85
 sec-Butylbenzene
 Concen: 2.143 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

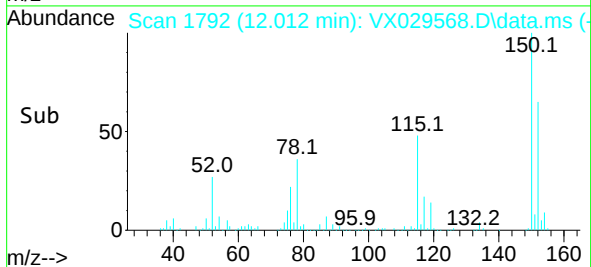
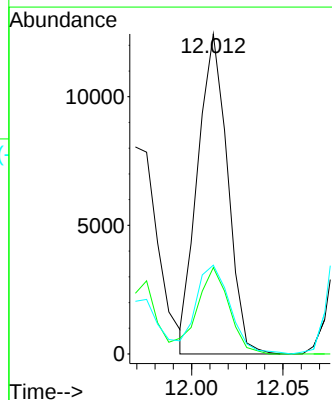
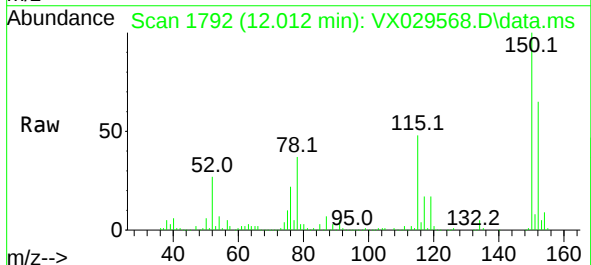
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

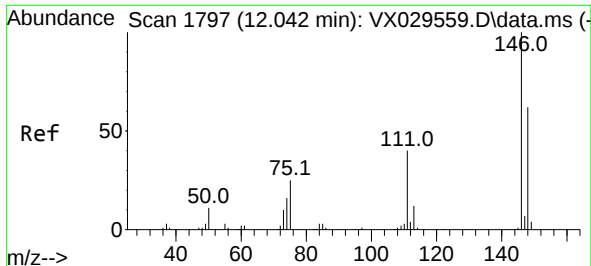
Tgt Ion:105 Resp: 28985
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.248 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX029568.D
 Acq: 18 Jun 2022 14:39

Tgt Ion:119 Resp: 14131
 Ion Ratio Lower Upper
 119 100
 134 29.3 13.0 39.0
 91 31.7 11.3 33.9

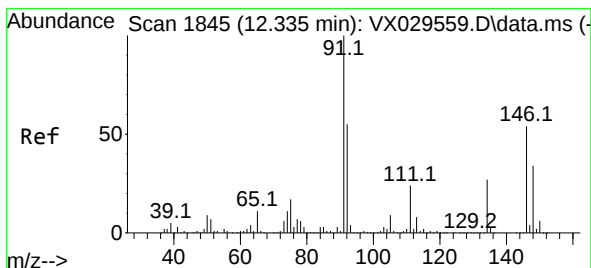
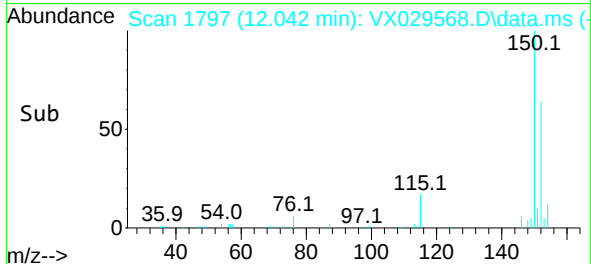
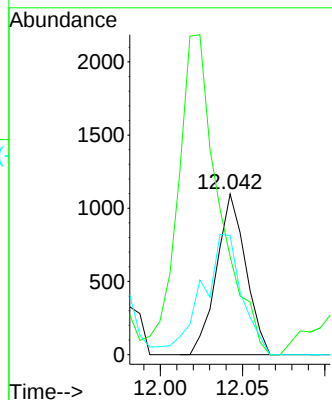
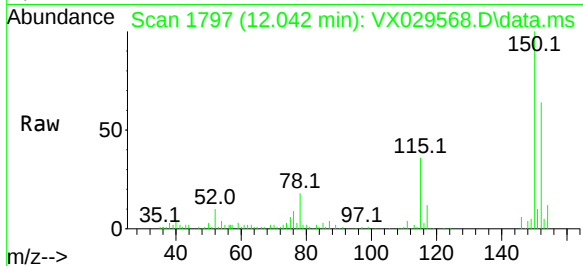




#88
1,4-Dichlorobenzene
Concen: 0.235 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

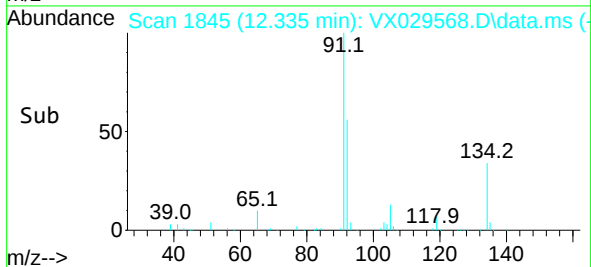
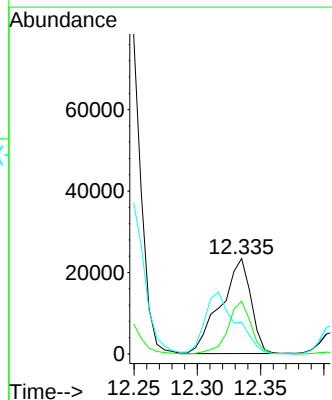
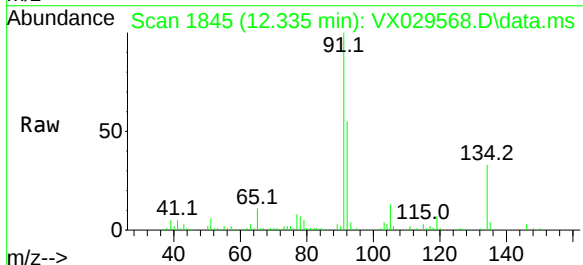
Instrument :
MSVOA_X
ClientSampleId :
MW-3

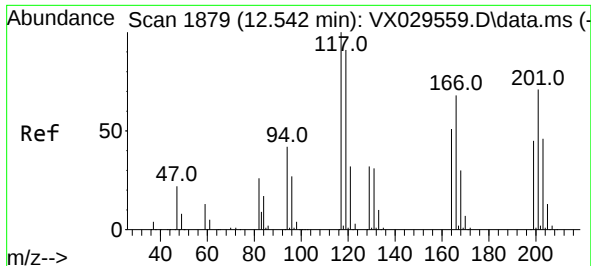
Tgt Ion:146 Resp: 1355
Ion Ratio Lower Upper
146 100
111 281.8 19.2 57.6#
148 100.7 32.3 96.9#



#89
n-Butylbenzene
Concen: 4.051 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 91 Resp: 38708
Ion Ratio Lower Upper
91 100
92 42.7 27.8 83.3
134 67.8 13.3 39.8#

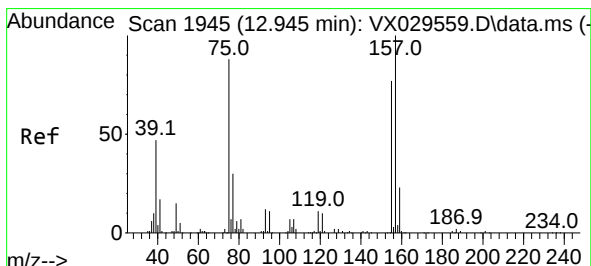
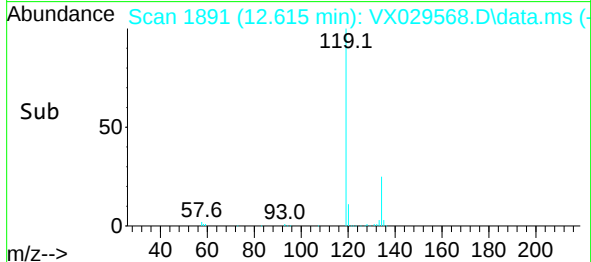
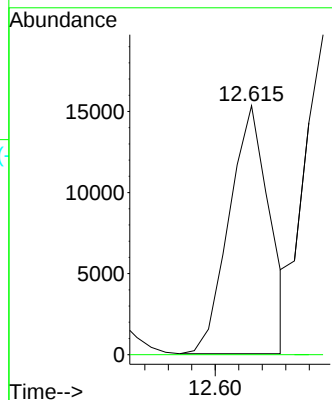
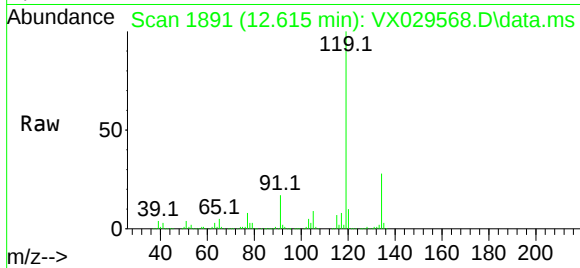




#90
Hexachloroethane
Concen: 11.257 ug/l
RT: 12.615 min Scan# 1879
Delta R.T. 0.073 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

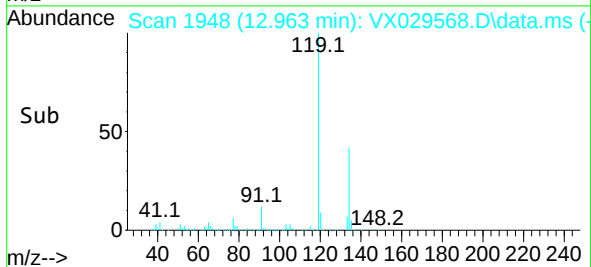
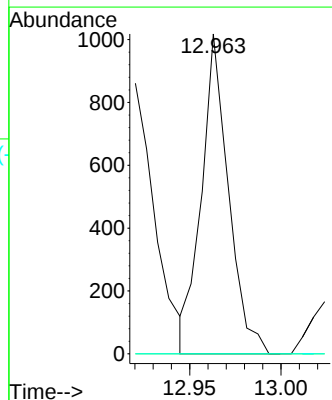
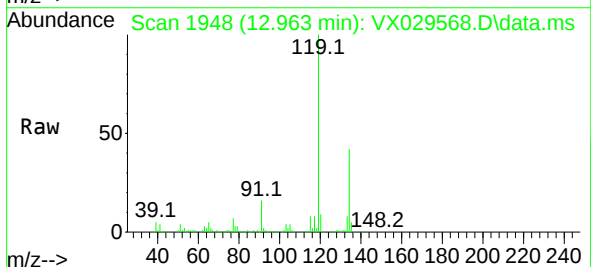
Instrument :
MSVOA_X
ClientSampleId :
MW-3

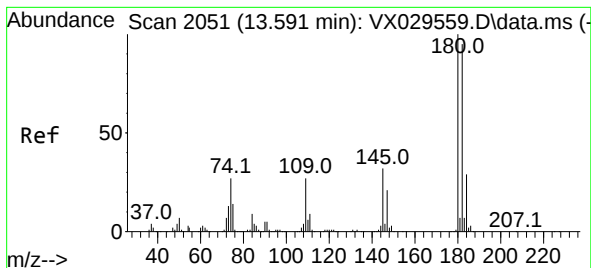
Tgt Ion:117 Resp: 18251
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.098 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion: 75 Resp: 1045
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.454 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

MW-3

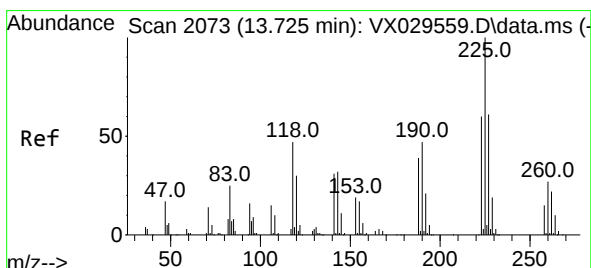
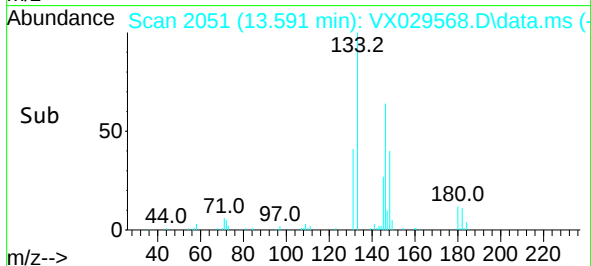
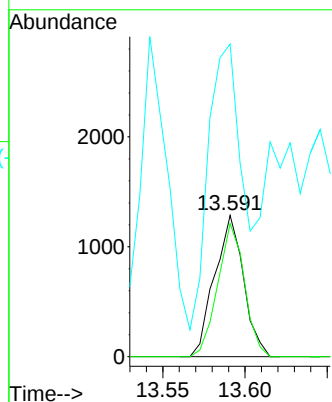
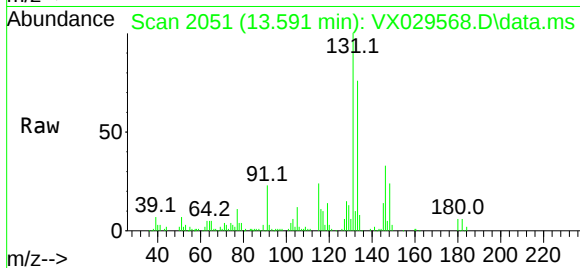
Tgt Ion:180 Resp: 1571

Ion Ratio Lower Upper

180 100

182 87.1 47.7 143.1

145 259.6 15.2 45.5#



#94

Hexachlorobutadiene

Concen: 0.617 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX029568.D

Acq: 18 Jun 2022 14:39

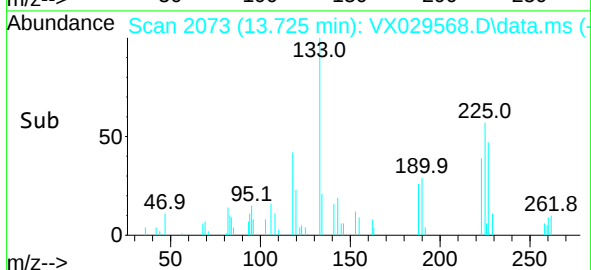
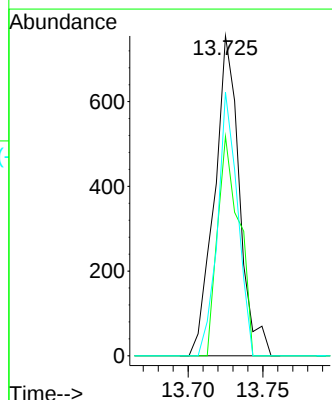
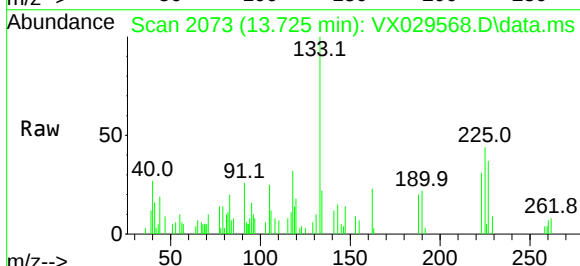
Tgt Ion:225 Resp: 875

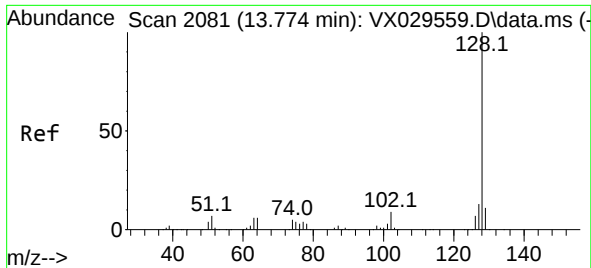
Ion Ratio Lower Upper

225 100

223 59.4 34.2 102.5

227 65.9 33.9 101.7

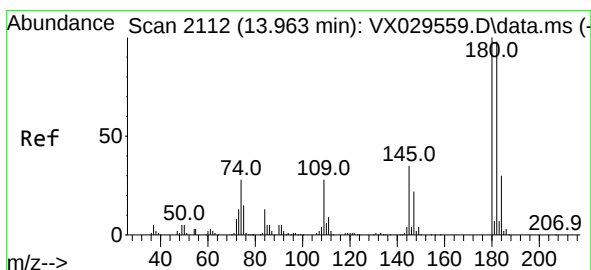
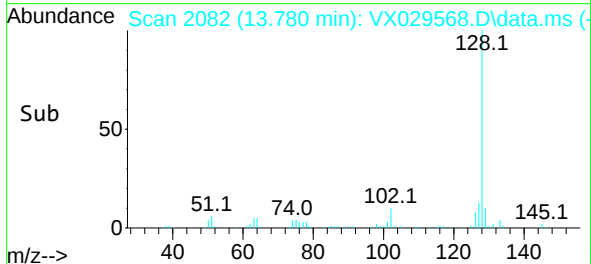
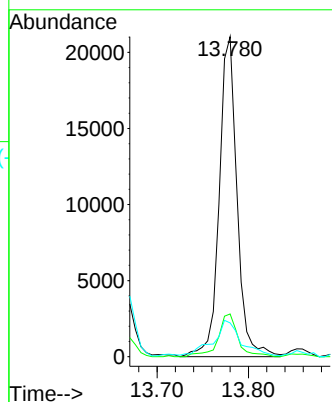
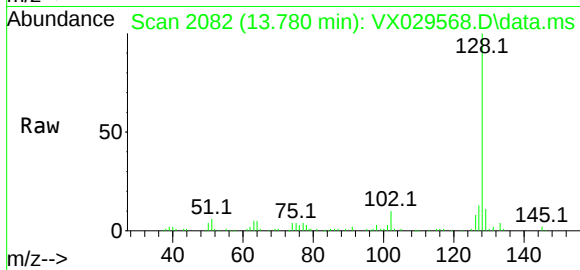




#95
Naphthalene
Concen: 2.298 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:128 Resp: 28571
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.4
129 16.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.394 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029568.D
Acq: 18 Jun 2022 14:39

Tgt Ion:180 Resp: 1366
Ion Ratio Lower Upper
180 100
182 84.8 50.0 149.8
145 276.1 16.2 48.5#

